THOMSON DTH8540E

MODEL

SERVICE MANUAL

THOMSON

VIDEO

PARTS LIST
LISTE PIECES DETACHEES
ERSATZTEILLISTE
LISTA PARTI DI RICAMBIO
LISTA DE PIEZAS DE REPUESTO

THOMSON
Chassis IDR05

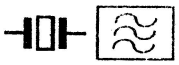
MODULES

MAIN	**MAIN IDR05 DIGITAL(MPEG)**	**21442530**
SKC	**AV/TUNER IDR05**	**21451120**
POWE	**SMPS IDR05**	**21440520**
KDB	**KDB/FAV IDR05**	**21442800**
DVI	**BOX3 DV1394 IDR05**	**21444080**

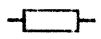
IA001	UDA1384H/N1 FLAT	21335900
IA100	MSP3417G-QG-B8-V3 FLAT	21234060
IA200	MC33078 FLAT	15138850
IC001	74LVX04M FLAT	21298430
ID100,101	K4S281632F-UC60 FLAT	21440740
ID103	M24256-BWMN-6T FLAT	21327490
ID500	ACTIVA 150 FLAT	21439040
ID601	M51957BFP FLAT	15294730
IE001	ACTIVA 100 ZR35100 FLAT	21437230
IE003,005	K4S641632H-UC60 FLAT	21441430
IE505	TMP86CH72FG-6CP1 FLAT	21443070
IE506	TSOF2233LI1 (RIR)	21375520
IE509	KIA7045F	20781100
II001	TSB42AB4PDT FLAT	21439270
II002	TSB41AB1PHP FLAT	21439280
IP050,053	TCET1103G	⚠ 10547560
IP052	TL431	15069010
IV001	SAA7117A FLAT	21427270
IW151	STV6412AD FLAT	25520150
IW152	74V1G66C-TR FLAT	21209560
IW501,540	HEF4052BT/BU4052BF/ MC14052BD FLAT	11007992
IW520	HEF4053BT/BU4053BF/ UPD4053BG FLAT	20230300
IW530	HEF4051BT FLAT	21439150
IW600	MM1623 FLAT	21283790
IX001	LD1085D2M18-TR	21443130

TA200,300, **TD**103,**TE**001, 701,**TI**503, **TV**001,**TW**020, 102,103,127	BC847B SMD	11070770
TA301,302, **TD**100,301,302, 303,304,305, 306,**TE**561, **TI**502,**TW**126	BC856B SMD	16006310
TD601,602,604, 605,606,607, 608,609,610	PMBF170 SMD	15360250
TI501,**TW**122	RN1402 (TE85L/R) SMD	10966200
TP010	2SK3565	⚠ 21370230
TP011,066	KTC3112B	21067290
TP041,044,045, 058	BC858B SMD	16006330
TP052,056,061	STP22NF03L (TO220)	2534195A
TP055	KTA1273Y/KTA966Y	10448970
TP059,064,067, 083,088	BC848B SMD	16006290
TP065,077,078, 082,**TW**610	RN2402 SMD	20205800
TP076	KTC8050D	21051670

DA100,300, **DE**601,**DI**501, **DW**101,126,130, 621,622,623, 624,**DX**003	LL4148 SMD	16012450
DD601	RB421D/1SS394 SMD	15082040
DD602,603, **DW**548,551,554, 620,630,640, 650,660,670, 803,805,806, 807,808,812, 813,814,815, 816,819,820	BZT55C6V8 SMD	15080480
DE562	BZX85C7V5	11070610
DE563	BZX55C27	60447870
DE590	HFBA032MP LED BLAU	21419090
DE591	TLDR4401 LED ROT	21403920
DE633,**DP**068, 086,088	1N4148	44009209
DE801,802,803, 804,805,806, 807,808,809, 810	MMSZ6V8T1 SMD	15580490
DP002,003,004, 005	1N4007	16008210
DP008,013,016, 055,057,070	RGP10G	10459099
DP009,**DX**852	BZX55B33	80442730
DP010	RGP15G	10272600
DP011,012	BZX55C15	20475420
DP052	STPS2045CT/MBR2045CT	21276360
DP053,054	BZX55B12	30948680
DP056,090	BZX85B6V2	16020470
DP059	S410D	10527250
DP063	1N5817	16008270
DP064,065	1N5822	44058204
DP066	SB140A	10384860
DP069	BZX55C6V8	50890650
DP089	BZX55C9V1	90578100
DU003,004,005, 006	0603ESDA 35V	21377850
DV001	LL4448 SMD	50856852
DX860	BZX55B5V1/ZPD5V1 2%	44035702



FE501	16M0HZ	21339500
QA100	18M432HZ	21030400
QE581	32K7o8HZ	25425260
XC003	27M0HZ SMD	21039460
XI001	24M576KHZ SMD	21406090
XV001	32M11KHZ SMD	21312930



RP011	0R68 OHM 5% 2,5W	20822410
RP015	10M0 OHM 5% 1W	⚠ 21090250
RP055	1R5 OHM 5% 15W	30947670
RW108	180R0 OHM 5% 2W	10502170

CP002	100N0F 20% 275V	⚠ 40404090
CP005,006	100P0F 10% 250V	⚠ 21386120
CP008	150U0F 20% 400V	13050860

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CP010	220P0F 10% 1K0V		25460410
CP050	2N2F 20% 250V	⚠	21376650
CP090	470P0F 10% 2K0V		10099390
CP091	*10N0F 20% 1K0V*		*21439970*
LP002	60MH	⚠	21315930
LP050	360MM 230V	⚠	21366240

OTHER PARTS
AUTRES PIECES
SONSTIGE TEILE
ALTRE PARTI
OTRAS PIEZAS

B801U	IEEE 1394 SOCKET PRISE IEEE 1394 IEEE 1394-BUCHSE PRESA IEEE 1394 TOMA IEEE 1394	⚠	21439290
BA501	OPTICAL SOCKET + RCA JACK PRISE OPTIQUE + RCA JACK OPTICAL-BUCHSE + RCA JACK PRESA OTTICA + RCA JACK TOMA OPTICO + RCA JACK		21340040
BB206	CABLE 8X 220MM TYPE B CABLE NAPPE 8X 220MM B FOLIENKABEL 8X 220MM B CAVO DI COLLEGAMENTO 8X 220MM TYPE B CABLE 8X 220MM TYPE B	⚠	21434000
BB309	CABLE 10X 450MM TYPE B CABLE NAPPE 10X 450MM B FOLIENKABEL 10X 450MM B CAVO DI COLLEGAMENTO 10X 450MM TYPE B CABLE 10X 450MM TYPE B	⚠	21413360
BB801	CABLE FLAT 40 PINS 300MM CABLE NAPPE 40 VOIES 300MM KABEL FLACH 40 PINS 300MM CAVO FALDA 40 SPIN. 300MM CABLE FLAT 40 PUNT. 300MM		21167700
BE801	CINCH SOCKET PRISE CINCH CHINCH-BUCHSE PRESA CINCH TOMA CINCH		20483820
BE802	CINCH SOCKET PRISE CINCH CHINCH-BUCHSE PRESA CINCH TOMA CINCH		30930090
BE803	CINCH SOCKET ASSY PLAQUETTE PRISES CINCH CHINCH BUCHSEN-EINHEIT ASSIEME PRESA CINCH PLAQUETA TOMA CINCH		11043010
BE804	SVHS SOCKET FRONT PRISE SVHS AVANT S-VHS-BUCHSE VORDER PRESA SVHS ANTERIORE TOMA SVHS ANTERIOR		21219700
BP001	MAINS SOCKET PRISE SECTEUR NETZANSCHLUSSBUCHSE PRESA RETE TOMA RED	⚠	10132090
BW100	JACK SOCKET 3,5MM PRISE JACK 3,5MM JACK-BUCHSE 3,5MM PRESA JACK 3,5MM TOMA JACK 3,5MM		21318130
BW125	SCART SOCKET (X2) PRISE PERITEL (X2) EURO-AV-BUCHSE (X2) EUROPRESA NORMALIZ. (X2) EUROCONECTOR (X2)		21374840
BW520,610	CINCH SOCKET X3 ASSY ENSEMBLE X3 PRISES CINCH CHINCH X3 BUCHSEN- EINHEIT ASSIEME X3 PRESA CINCH CONJUNTO X3 TOMA CINCH		21272390
BW541	SVHS SOCKET X2 REAR PRISE SVHS X2 ARRIERE S-VHS-BUCHSE X2 HINTEN PRESA SVHS X2 POSTERIORE TOMA SVHS X2 POSTERIOR		21271690
BW612	CINCH SOCKET X3 ASSY G/BL/R ENSEMBLE X3 PRISES CINCH G/BL/R CHINCH X3 BUCHSEN- EINHEIT G/BL/R ASSIEME X3 PRESA CINCH G/BL/R CONJUNTO X3 TOMA CINCH G/BL/R		21283090
FP001	1AT 250V TIME-LAG FUSE 1AT 250V FUSIBLE TEMPORISE 1AT 250V SICHERUNG 1AT 250V FUSIBILE TEMPO. 1AT 250V FUSIBLE TEMPO.	⚠	48070100
GE501	HNV-12SS31T DISPLAY HNV-12SS31T AFFICHEUR HNV-12SS31T ANZEIGE HNV-12SS31T VISUALIZZATORE HNV-12SS31T VISUALIZADOR		21366020
SD601	MICROSWITCH MICRO CONTACTEUR MIKROSCHALTER MICROINTERRUTTORE MICROCONTACTOR		25380930
SE510,511, 512,520,521, 530,532,540, 541,542	MICROSWITCH MICRO CONTACTEUR MIKROSCHALTER MICROINTERRUTTORE MICROCONTACTOR		21341800
SW612	SWITCH SLIDE COMMUTATEUR SCHALTER COMMUTATORE CONMUTADOR		21375330
ZI601	UHF/VHF TUNER FE6235 TETE UHF/VHF FE6235 UHF/VHF TUNER FE6235 TUNER UHF/VHF FE6235 SINTONIZADOR UHF/VHF FE6235		21333290

EQUIPMENT/PRESENTATION
EQUIPEMENT/PRESENTATION
AUSSTATTUNG/GEHAEUSE
PARTI VARIE
EQUIPO/PRESENTACION

RCT311DEM1 REMOTE CONTROL RCT311DEM1 TELECOMMANDE RCT311DEM1 FERNBEDIENUNG RCT311DEM1 TELECOMANDO RCT311DEM1 TELEMANDO			21431300
POWER SUPPLY LEAD CORDON D'ALIMENTATION NETZKABEL CAVO DI ALIMENTAZIONE CABLE DE ALIMENTACION		⚠	10403370
ANTENNA CABLE CORDON ANTENNE ANSCHLUSSKABEL HF CAVO ANTENNA CABLE ANTENA			10394030
IR EMITTER CABLE ASSEMBLY CABLE IR EQ IR-KABEL KPL CAVO IR CPL CABLE IR CPL			15922370
FRONT PANEL FACADE FRONTPLATTE PANNELLO FRONTALE PANEL FRONTAL			21432440
LED GUIDE (ON/OFF BUTTON) GUIDE LED (TOUCHE MARCHE/ARRET) LICHTFUEHRUNG LED (EIN-AUS TASTE) GUIDA DEL LED (TASTO ACCESO/SPENTO) GUIA DEL LED (TECLA MARCHA/PARADA)			21379030
COVER TRAY CD CACHE TIROIR CD ABDECKUNG SCHUBLADE CD COPERCHIO CASSETTO CD CUBIERTA CORREDERA CD			21388000
JACK COVER COUVERCLE PRISE JACK KLAPPE FRONTBUCHSEN COPERCHIO PRESA JACK TAPA TOMA JACK			21389590
COVER UPPER COUVERCLE SUPERIEUR GEHAEUSEOBERTEIL COPERCHIO SUPERIORE TAPA SUPERIOR			21379910
ON/OFF BUTTON TOUCHE MARCHE/ARRET EIN-AUS TASTE TASTO ACCESO/SPENTO TECLA MARCHA/PARADA			21378980
FITTING FRONT CALE AVANT POLSTER VORN DISTANZIATORE ANTERIORE CALZO DELANTERA			21380030
FITTING REAR CALE ARRIERE POLSTER HINTEN DISTANZIATORE POSTERIORE CALZO TRASERA			21380040
FOLDING BOX EMBALLAGE CARTON KARTON IMBALLAGGIO CARTONE EMBALAJE CARTON			2146785A
BUTTON STRIP 4T BARRETTE DE TOUCHES 4T TASTENLEISTE 4T ASSIEME TASTI 4T CONJUNTO DE TECLAS 4T			21432480

BUTTON STRIP 5T BARRETTE DE TOUCHES 5T TASTENLEISTE 5T ASSIEME TASTI 5T CONJUNTO DE TECLAS 5T			21432470
FRONT MIRROR MIROIR FRONTALE FRONTSPIEGEL SPECCHIO FRONTALE ESPEJO FRONTAL			21386840
BADGE-BRAND THOMSON LOGO THOMSON SCHRIFTZUG THOMSON MARCHIO THOMSON LOGOTIPO THOMSON			55424050

MECHANISM
MECANIQUE
MECHANIK
MECCANICA
MECANISMO

OPTICAL PLAYER D4.3 REPLACEMENT KIT LECTEUR OPTIQUE D4.3 REMPLACEMENT KIT CD-LAUFWERK D4.3 AUSWECHSELN KIT ASSIEME OTTICA D4.3 SOSTITUZIONE KIT MECANISMO OPTICO D4.3 SUSTITUCION KIT		⚠	36092770
ASSY-FAN IDR04 (D05X12TL24/12V/0.6A) VENTILATEUR IDR04 (D05X12TL24/12V/0.6) VENTILATOR IDR04 (D05X12TL24/12V/0.6) BLOCCO VENTOLA (D05X12TL24/12V/0.6A) MOTOR VENTILADOR (D05X12TL24/12V/0.6A)			21413320

DTH8045E PARTS LIST DTH8045E LISTE DE PIECES DETACHEES DTH8045E ERSATZTEILLISTE DTH8045E LISTA PARTI DI RICAMBIO DTH8045E LISTA DE PIEZAS DE REPUESTO		35946940
DTH8043/45E/U UM PORTUGUESE DTH8043/45E/U UM PORTUGAIS DTH8043/45E/U UM PORTUGIESISCH DTH8043/45E/U UM PORTUGHESE DTH8043/45E/U UM PORTUGUES		35932820
DTH8043/45E/U UM RUSSIAN DTH8043/45E/U NU RUSSE DTH8043/45E/U BA RUSSISCH DTH8043/45E/U IU RUSSO DTH8043/45E/U IU RUSO		35920160
DTH8043/45E/U UM HUNGARIAN DTH8043/45E/U NU HONGROIS DTH8043/45E/U BA UNGARISCH DTH8043/45E/U IU UNGHERESE DTH8043/45E/U IU HUNGARO		35920150
DTH8043/45E/U UM CZECH DTH8043/45E/U NU TCHEQUE DTH8043/45E/U BA TSCHECHISCH DTH8043/45E/U IU CECO DTH8043/45E/U IU CHECO		35920140
DTH8043/45E/U UM POLISH DTH8043/45E/U NU POLONAIS DTH8043/45E/U BA POLNISCH DTH8043/45E/U IU POLACCO DTH8043/45E/U IU POLACO		35920130
DTH8043/45E/U UM F,GB,D,I,E DTH8043/45E/U NU F,GB,D,I,E DTH8043/45E/U BA F,GB,D,I,E DTH8043/45E/U IU F,GB,D,I,E DTH8043/45E/U IU F,GB,D,I,E		35914070
DTH8043/45E/U UM SUPPLEMENT F,GB,D,I,E DTH8043/45E/U NU ADDITIF F,GB,D,I,E DTH8043/45E/U BA ZUSATZ F,GB,D,I,E DTH8043/45E/U IU ADDITIVO F,GB,D,I,E DTH8043/45E/U IU ADICCION F,GB,D,I,E		35912020
DTH8000 UM SUPPLEMENT DISCS F,GB,D,I,E DTH8000 NU ADDITIF DISQUES F,GB,D,I,E DTH8000 BA ZUSATZ SCHEIBE F,GB,D,I,E DTH8000 IU ADDITIVO DISCO F,GB,D,I,E DTH8000 IU ADICCION DISCO F,GB,D,I,E		35726140
DTH8043/45E/U WARRANTY DTH8043/45E/U GARANTIE DTH8043/45E/U GARANTIE DTH8043/45E/U GARANZIA DTH8043/45E/U GARANTIA		35918020

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THOMSON

VIDEO

TECHNICAL INFORMATION N°2005 - 50

Chassis : DTH8043E - DTH8045E

Symptom / Problem Observed :
- Improvement of picture stability.
- Improvement of the clock functionality when the auto clock option is set to off.
- Improvement of "Made compatible" mode for the DVD+RW disc.
- Improvement of playability of DVD+RW and DVD+R recorded by another DVD recorder.
- Functionnality improvement of the time counter in Pause mode.
- Improvement of the channel auto sorting.
- Recording improvement with certain DVD+RW disc.
- Reduction of switching noise during the channel change.

Solution :
Software upgrade by CD ROM,
PART No 36022250 (*) Version S4.07
(*) Kit including the CD ROM and the fitting instruction

Methode of upgrade :
Caution : Before software upgrade, press "REC" and "PLAY" key from front panel for verify the software version.

A - If inferior to S4.04 version :
1 - After the CDROM loading, "FEM DISC" appears on the display.
2 - Await until the screen saver "THOMSON SCENIUM" appears on TV screen,
3 - Press and hold "REV" & "PLAY/PAUSE" keys simultaneously during three seconds
4 - The Display shows "UPDATING"
5 - DO NOT POWER OFF THE SET DURING UPDATE.
6 - After the update, the CD tray open itself and "FINISH" appears on the display.
7 - Remove the CD and close the tray.
8 - Unplug and plug the power cord.
9 - The software version can be checked on OSD by pressing button "REC" and "PLAY" on the set.

IRIS Code : The code mentioned below must be used to report the failure on the warrantee claims form; we have included it to make fault report easier and the data more reliable.

Symptom	Part code number	Qty	Position	Section	D.Code	R.Code
1720			MECA	SFT	1	2

You do not need to write anything in the white boxes.

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2005/10

B - If superior to S4.04 version :
1 - After the CDROM loading, "FEM DISC" appears on the display.
2 - The upgrade menu appears on the OSD.
3 - Press PLAY key for start the software upgrading.
4 - After the update, the CD tray open itself.
5 - Remove the CDROM and close the tray.
6 - Unplug and plug the power cord.
7 - The software version can be checked on OSD by pressing button "REC" and "PLAY" on the set.

THOMSON

VIDEO

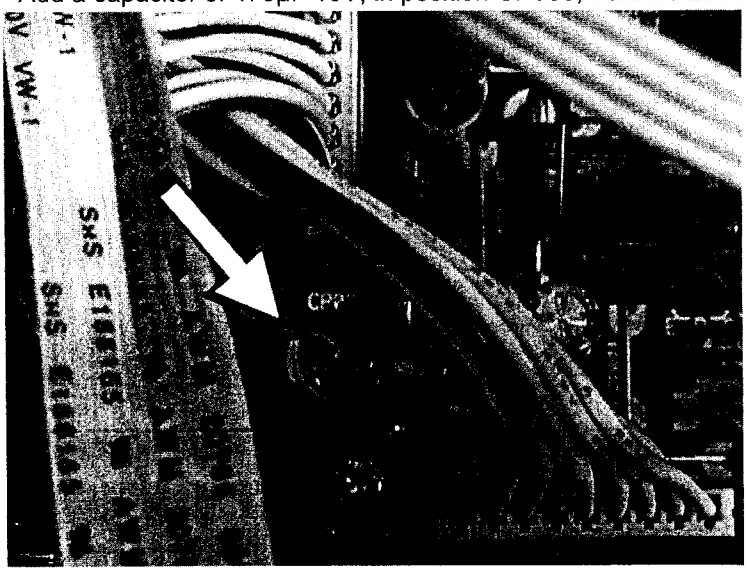
TECHNICAL INFORMATION N°2005 - 58

Chassis : DTH8043 - DTH8045

Symptom / Problem Observed :
After a certain time in stand by mode (approximately 1hour) when we turn on the set in the display appears "Hello" then the clock is shown but at "00h00".
Few seconds later the set turns off itself in stand by but with a good clock setting (i.e : 12:40).

Nota : If we turn it on again, the set works correctly, the display shows "Menu".

Solution :
- Add a capacitor of 470µF 16V, in position CP083, **Part No 20438197.**



IRIS Code : The code mentioned below must be used to report the failure on the warrantee claims form; we have included it to make fault report easier and the data more reliable.

Symptom	Part code number	Qty	Position	Section	D.Code	R.Code
1 1 1 X	2 0 4 3 8 1 9 7	0 1	C P 0 8 3	P S U	Z	K

You do not need to write anything in the white boxes.

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Chassis DVD

Symptom description

DTH223E/R - DTH233E/R - DTH720E

- Playability of DivX files with external subtitle format, supporting Eastern Europe. special character set. An additional Menu item has been added to select this character set.
- The Menu info banner is displaied with the masked upper part (depending on the DVD disc).
- Some others problems of DVD playback.

DTH108E

- Playability of DVD - R format.

DTH8040E

- The set Switches off , in security mode and the display shows "FAN FAILURE".
- Evolution of fan.
- Some DVDR /RW discs are not recognised by DVD player.

DTH109E - DTH250E

- Interferences between DVD and TV remote control codes (For example, if you change TV volume, the DVD set returns to the Disc menu).
- After a switch OFF, the set turn ON itself (after few minutes).

DTH8043E - DTH8045E

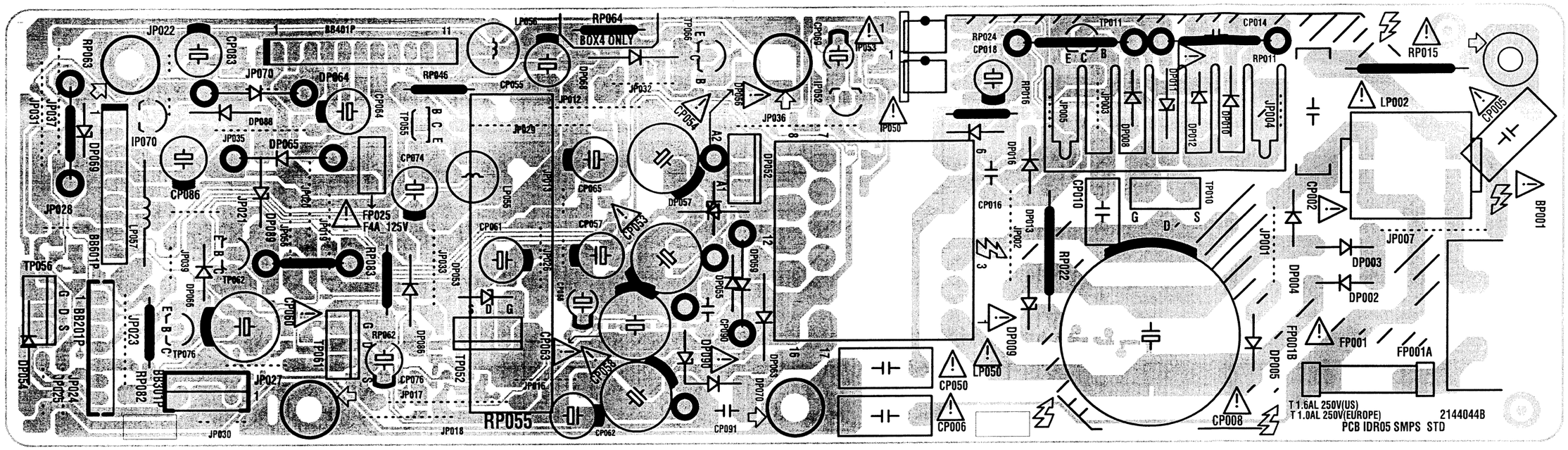
- Some DVD R /RW discs are not recognized by DVD player.
- Improvement of picture stability.
- Improvement of the clock functionality when the auto clock option is set to off.
- Improvement of "Made compatible" mode for the DVD+RW disc.
- Improvement of playability of DVD+RW and DVD+R recorded by another DVD recorder.
- Functionnality improvement of the time counter in Pause mode.
- Improvement of the channel auto sorting.
- Recording improvement with certain DVD+RW disc.
- Reduction of switching noise during the channel change.
- After a certain time in stand by mode (approximately 1hour) when we turn on the set in the dis play appears "Hello" then the clock is shown but at "00h00". Few seconds later the set turns off itself in stand by but with a good clock setting (i.e : 12:40).
- The set does not record the programmed channel.

DTH6300E - DTH6300/F

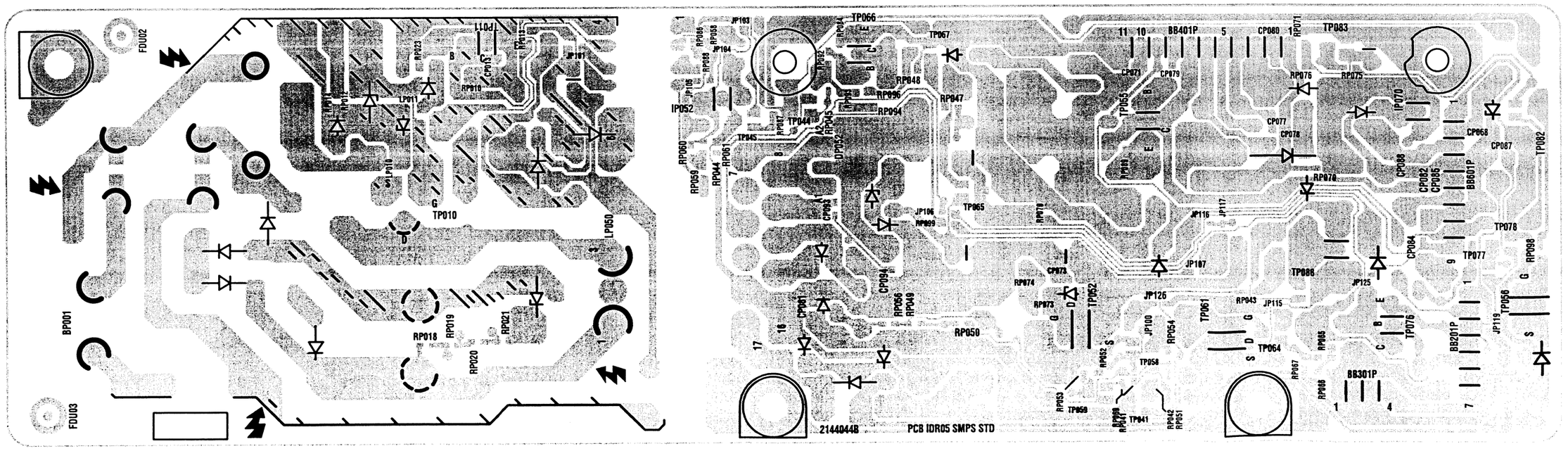
- The last minutes of the last song is cut during the reading (audio CD or MP3 CD).

POWER SUPPLY CIRCUIT BOARD - CIRCUIT IMPRIME DE L'ALIMENTATION - LEITERPLATTE NETZTEIL - PIASTRA DEI CIRCUITI DI ALIMENTAZIONE - PLATINA ALIMENTACIÓN

COMPONENT SIDE - COTÉ COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES



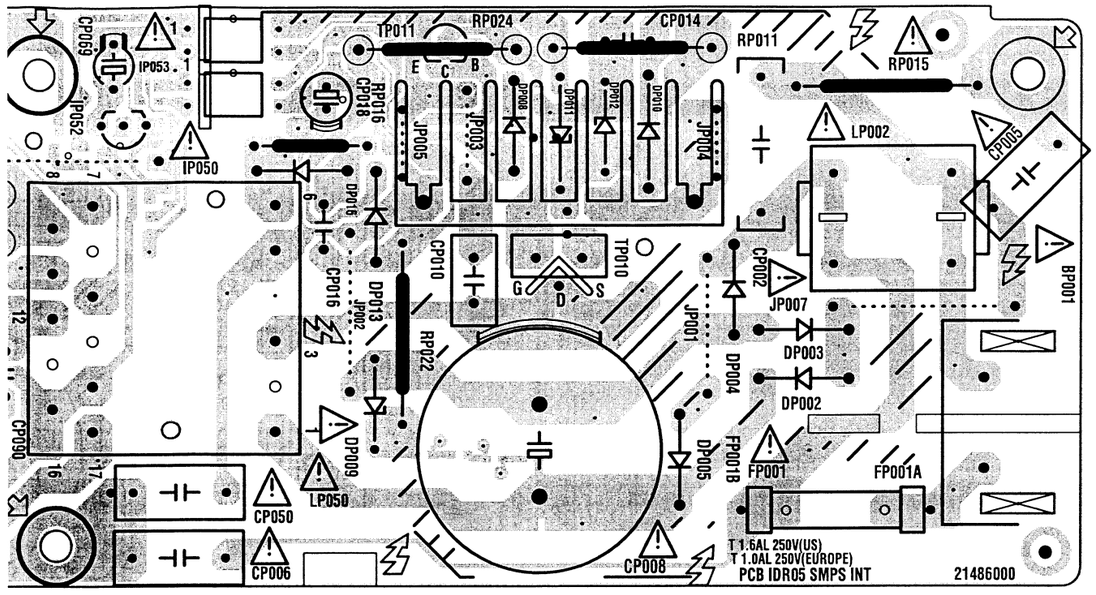
SOLDER SIDE - COTÉ CUIVRE - LÖTSEITE - LATO SALDATURE - LADO DEL COBRE



IDR05
First issue 09 / 05

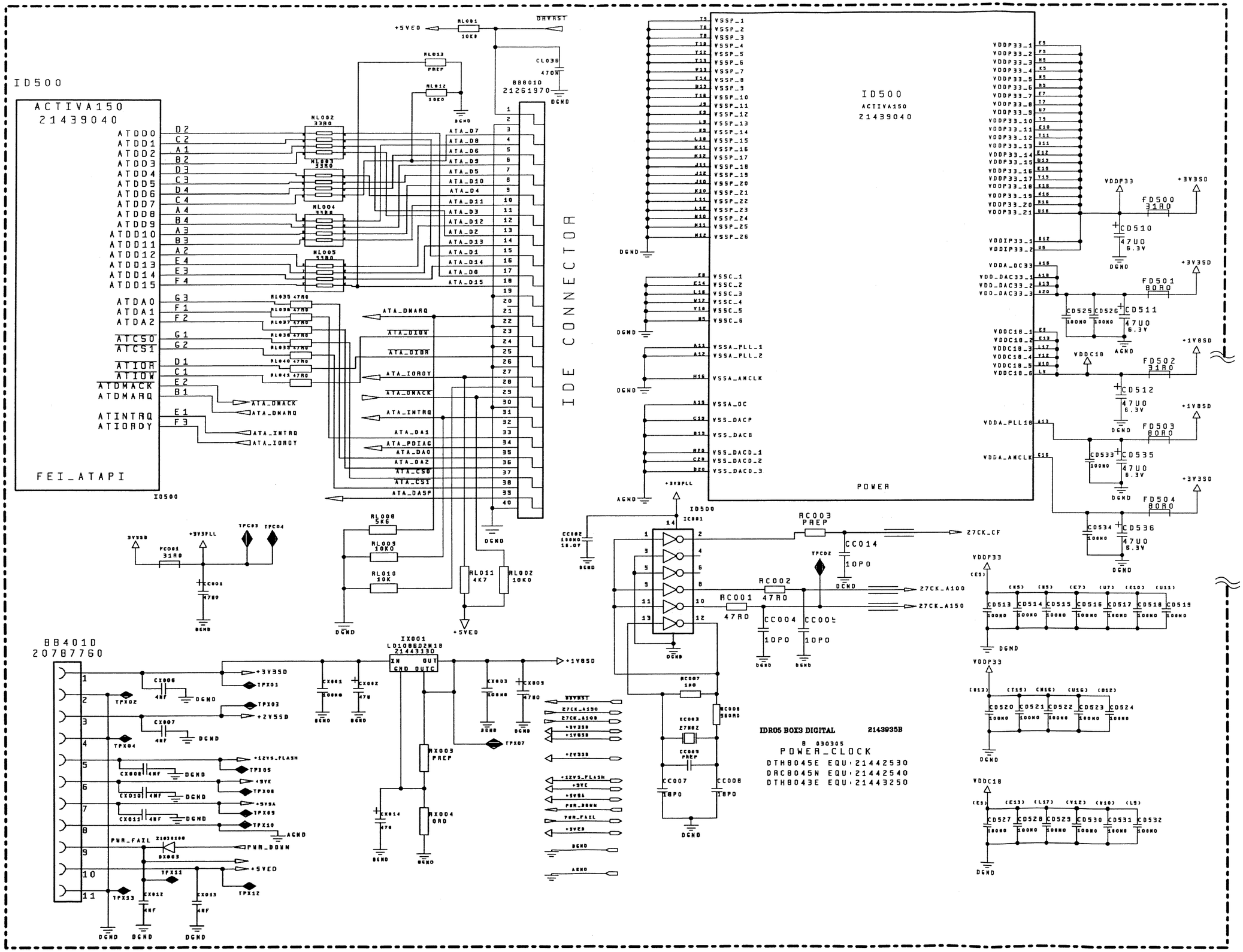
ATTE NETZTEIL - PIASTRA DEI CIRCUITI DI ALIMENTAZIONE - PLATINA ALIMENTACIÓN

NENTES



MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - SCHALTBILD HAUPTPLATINE - SCHEMA DELLA PIASTRA PRINCIPALE- ESQUEMA DE LA PLATINA PRINCIPAL

(DIGITAL BOARD 9/9)

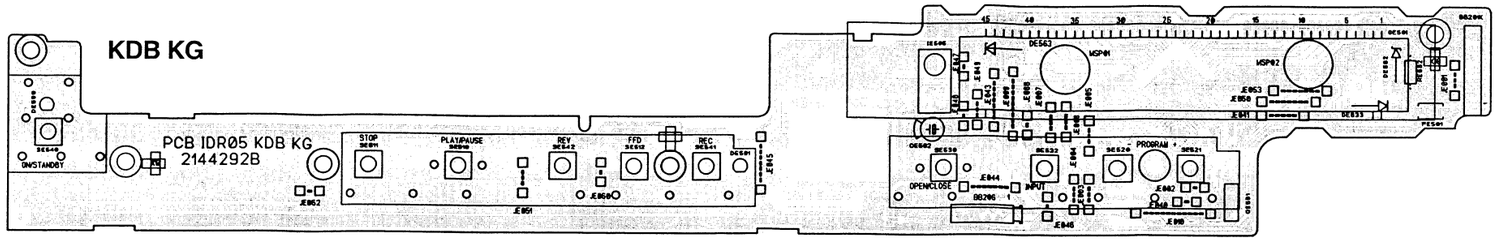


IDR05
First issue 09 / 05

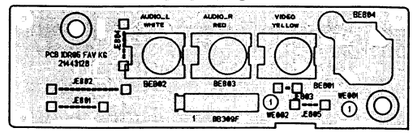
KEYBOARD CIRCUIT BOARDS - CIRCUITS IMPRIMES PLATINES COMMANDES - LEITERPLATTE BEDIENTEIL - PIASTRE TASTIERA - PLATINAS MANDOS

COMPONENT SIDE - COTÉ COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES

KDB KG

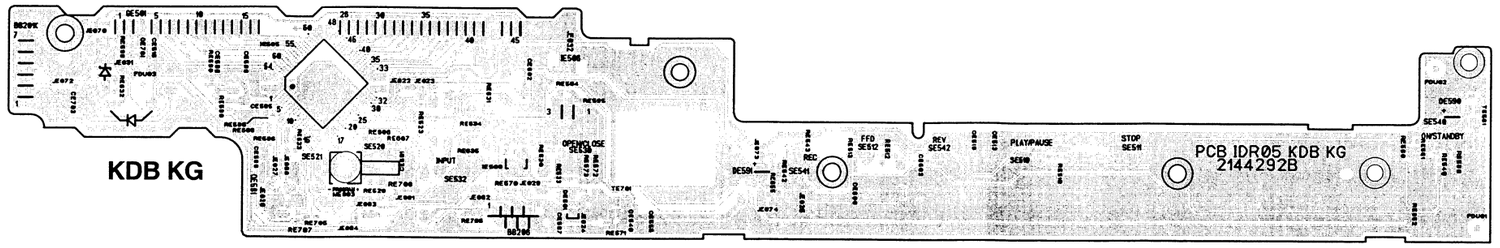


FAV KG



SOLDER SIDE - COTÉ CUIVRE - LÖTSEITE - LATO SALDATURE - LADO DEL COBRE

KDB KG



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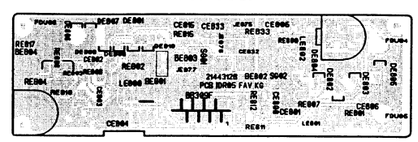
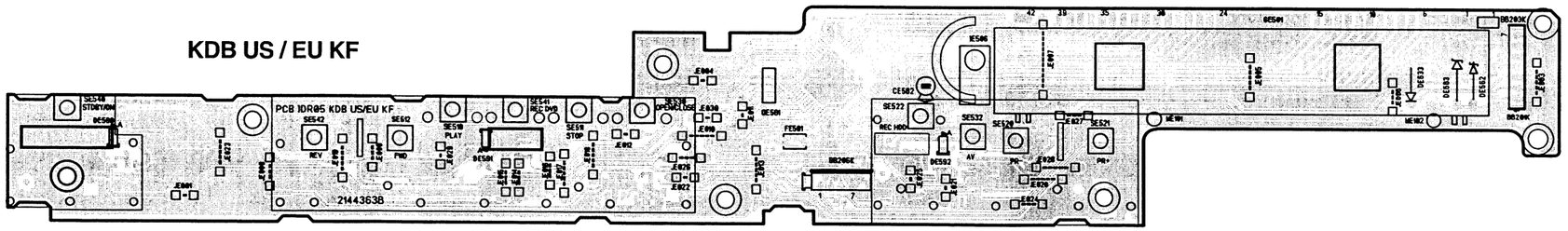
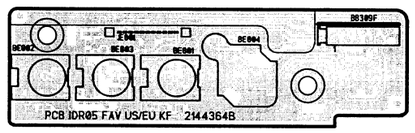


COMPONENT SIDE - COTÉ COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES

KDB US / EU KF

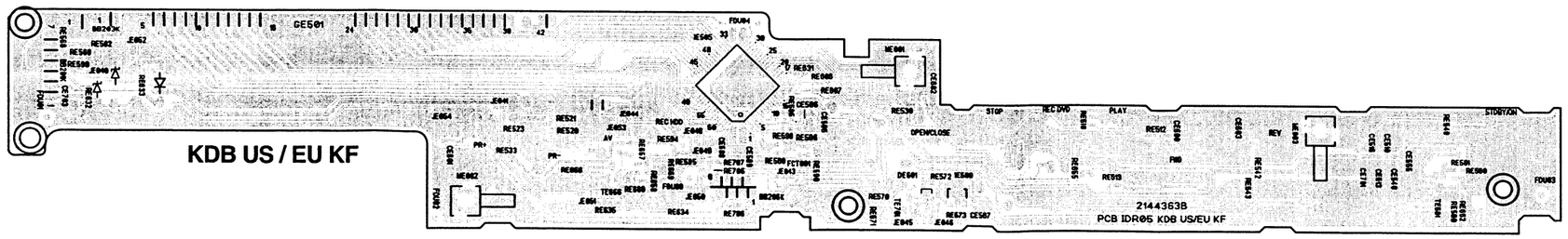


FAV US/EU KF

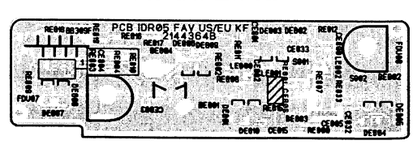


SOLDER SIDE - COTÉ CUIVRE - LÖTSEITE - LATO SALDATURE - LADO DEL COBRE

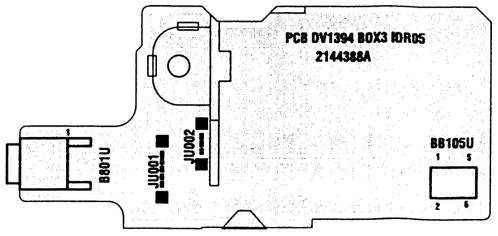
KDB US / EU KF



FAV US/EU KF



DV1394



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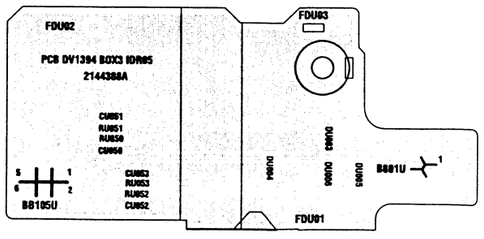
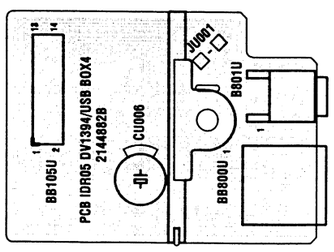
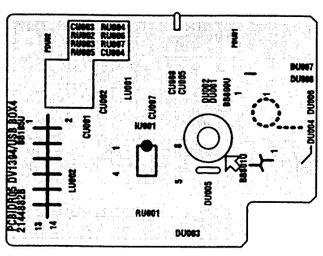


DV1394/USB



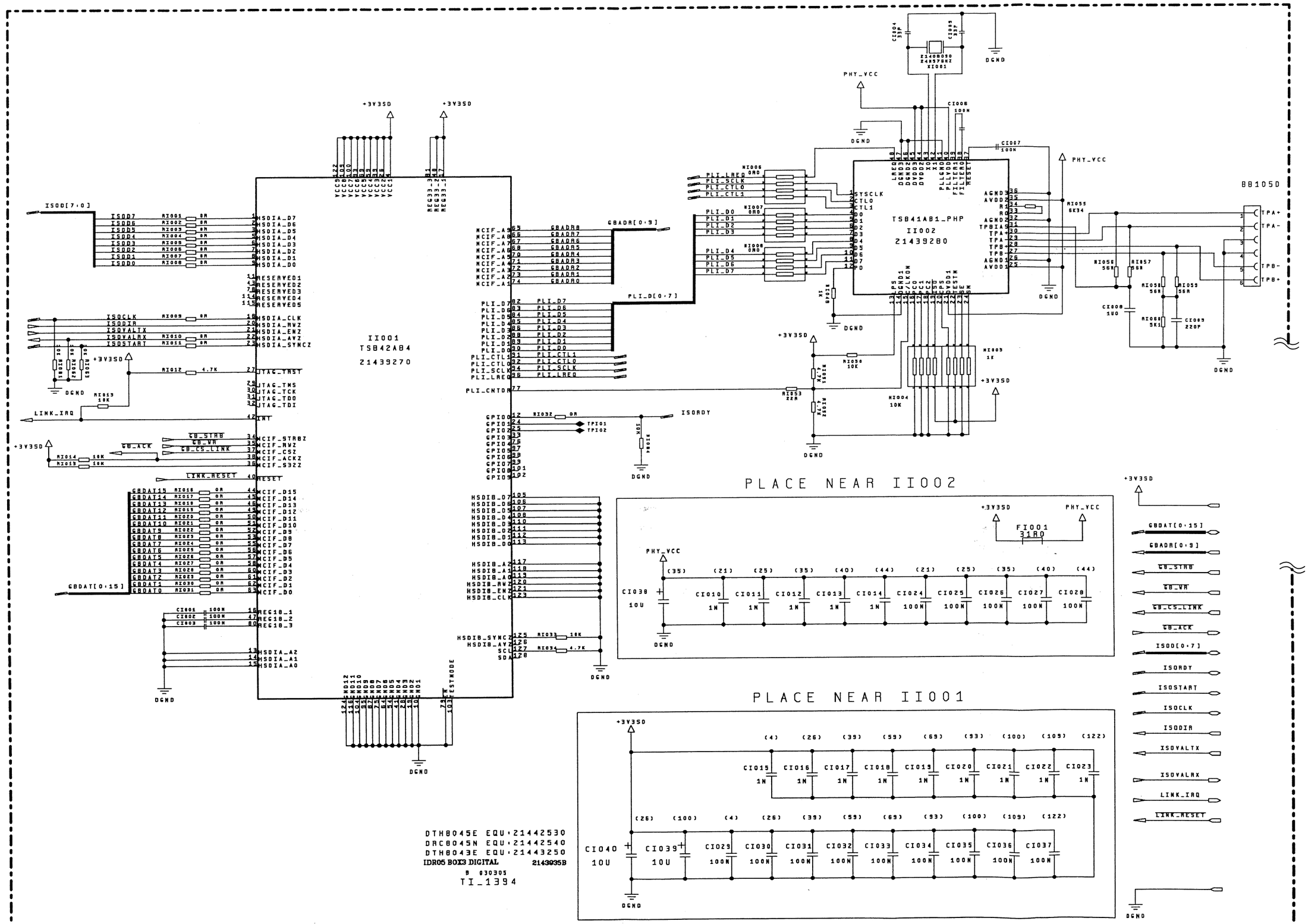
DV1394/USB



IDR05
First issue 09 / 05

MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - SCHALTBILD HAUPTPLATINE - SCHEMA DELLA PIASTRA PRINCIPALE- ESQUEMA DE LA PLATINA PRINCIPAL

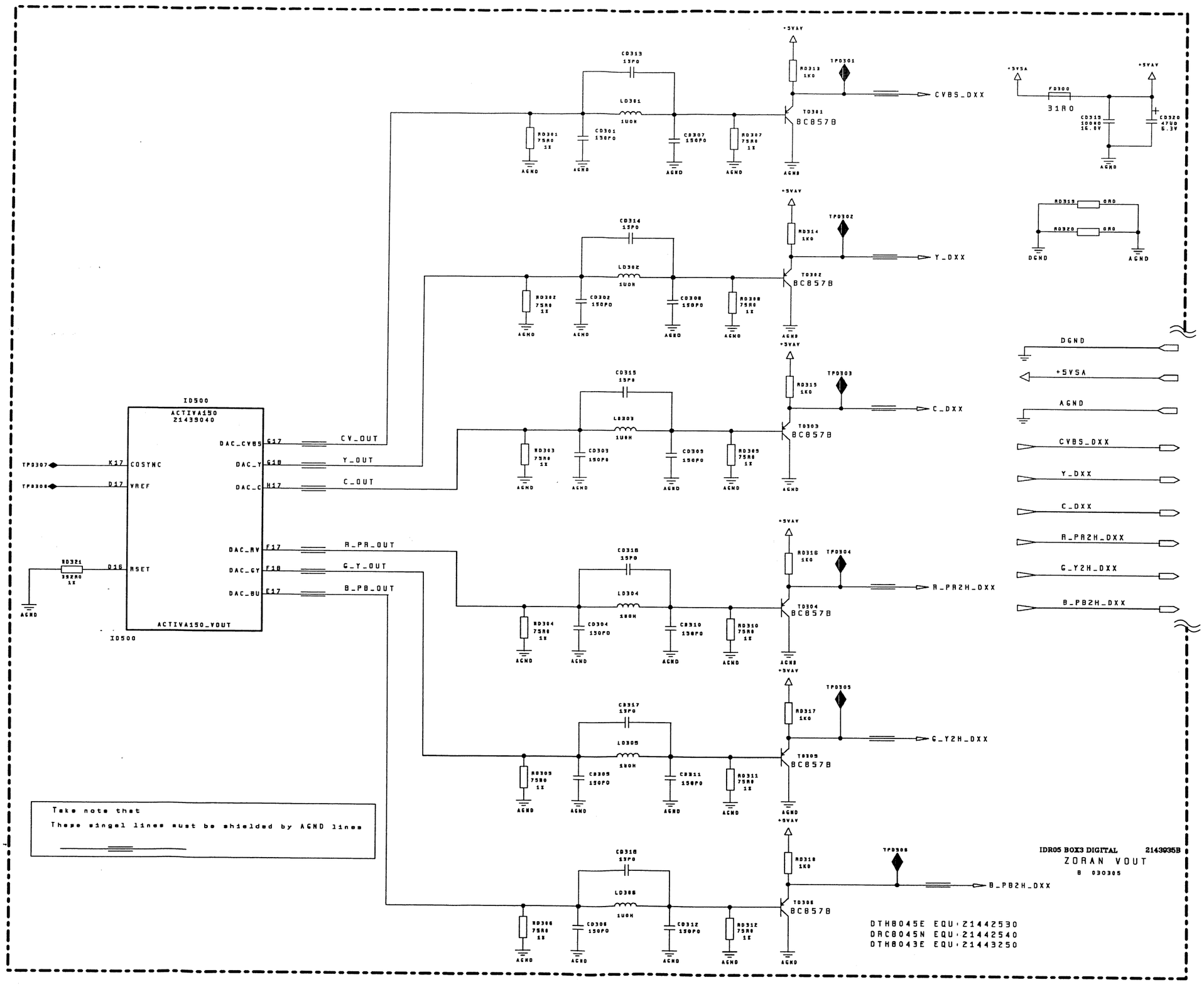
(DIGITAL BOARD 8/9)



IDR05
First issue 09 / 05

MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - SCHALTBILD HAUPTPLATINE - SCHEMA DELLA PIASTRA PRINCIPALE- ESQUEMA DE LA PLATINA PRINCIPAL

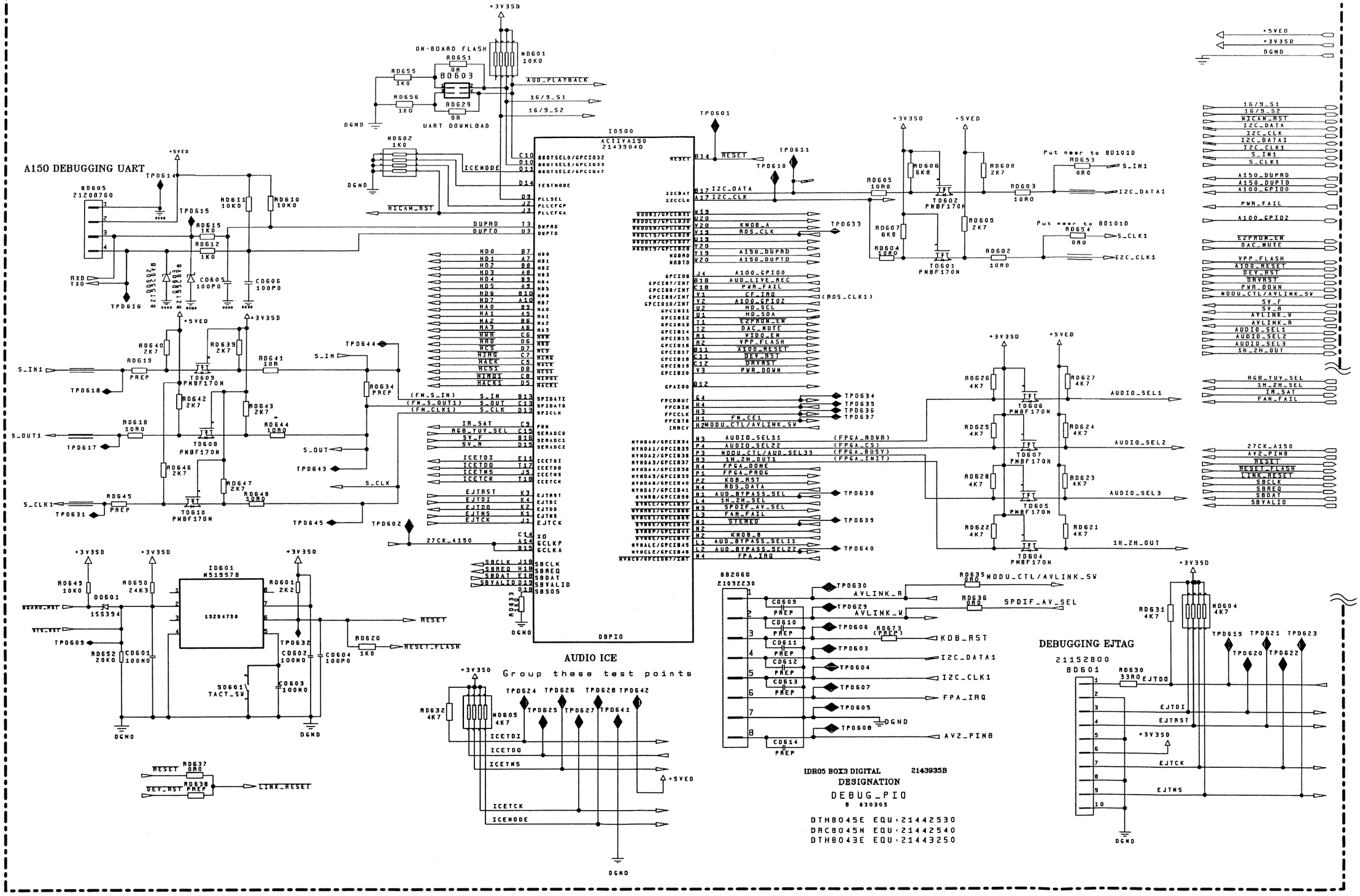
(DIGITAL BOARD 7/9)



IDR05
First issue 09 / 05

MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - SCHALTBILD HAUPTPLATINE - SCHEMA DELLA PIASTRA PRINCIPALE- ESQUEMA DE LA PLATINA PRINCIPAL

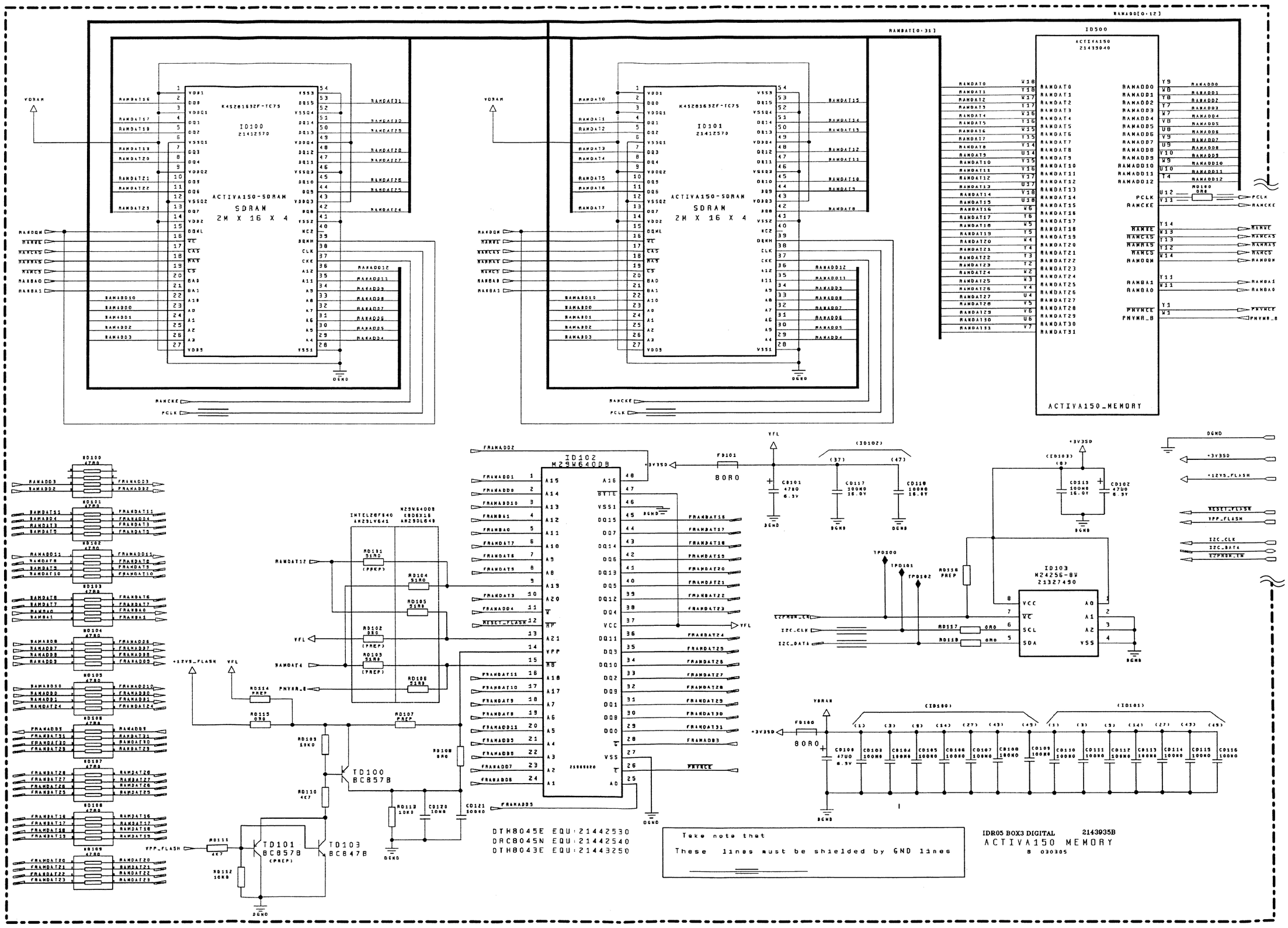
(DIGITAL BOARD 5/9)



IDR05
First issue 09 / 05

MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - SCHALTBILD HAUPTPLATINE - SCHEMA DELLA PIASTRA PRINCIPALE- ESQUEMA DE LA PLATINA PRINCIPAL

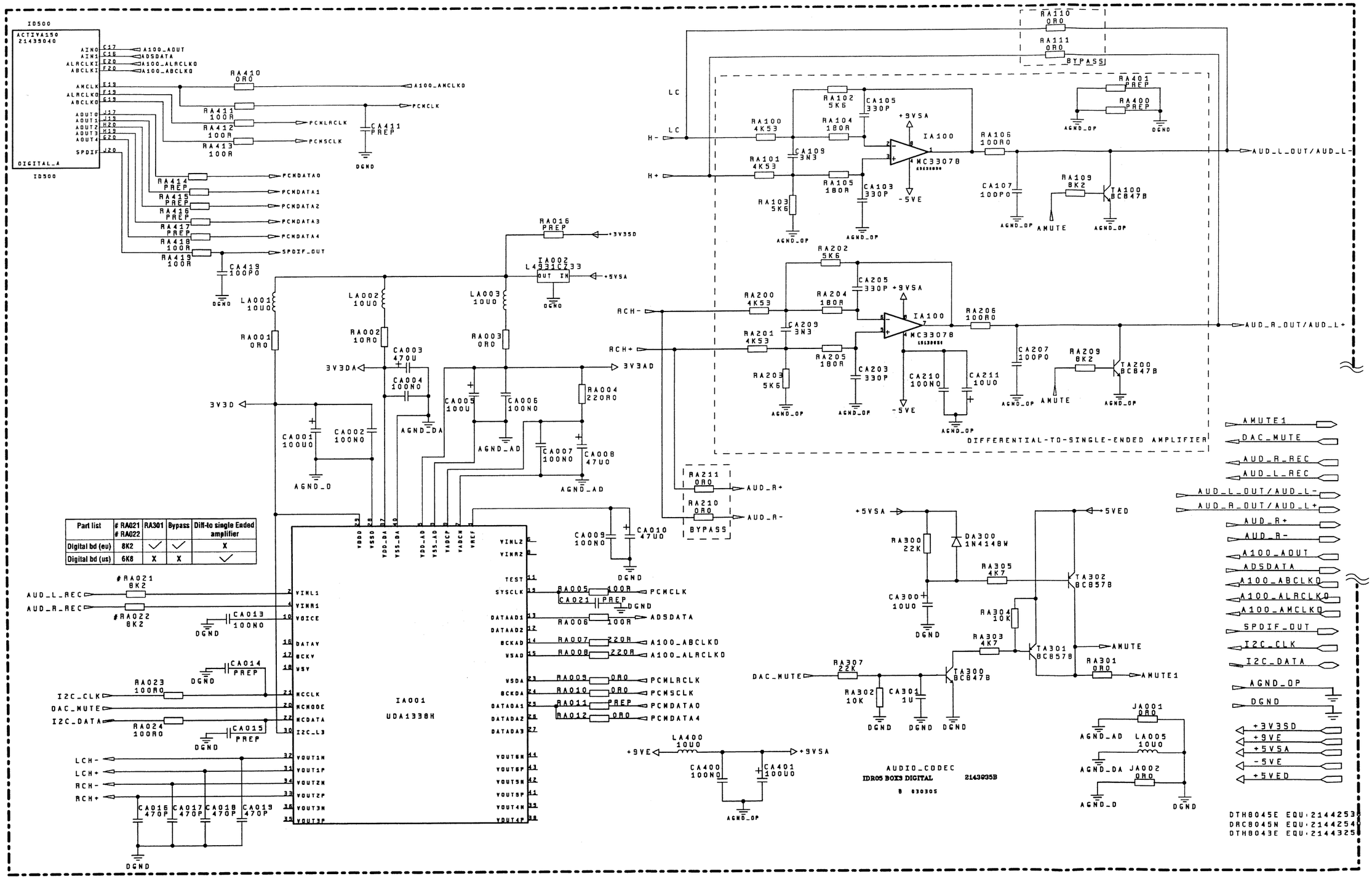
(DIGITAL BOARD 6/9)



IDR05
First issue 09 / 05

MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - SCHALTBILD HAUPTPLATINE - SCHEMA DELLA PIASTRA PRINCIPALE- ESQUEMA DE LA PLATINA PRINCIPAL

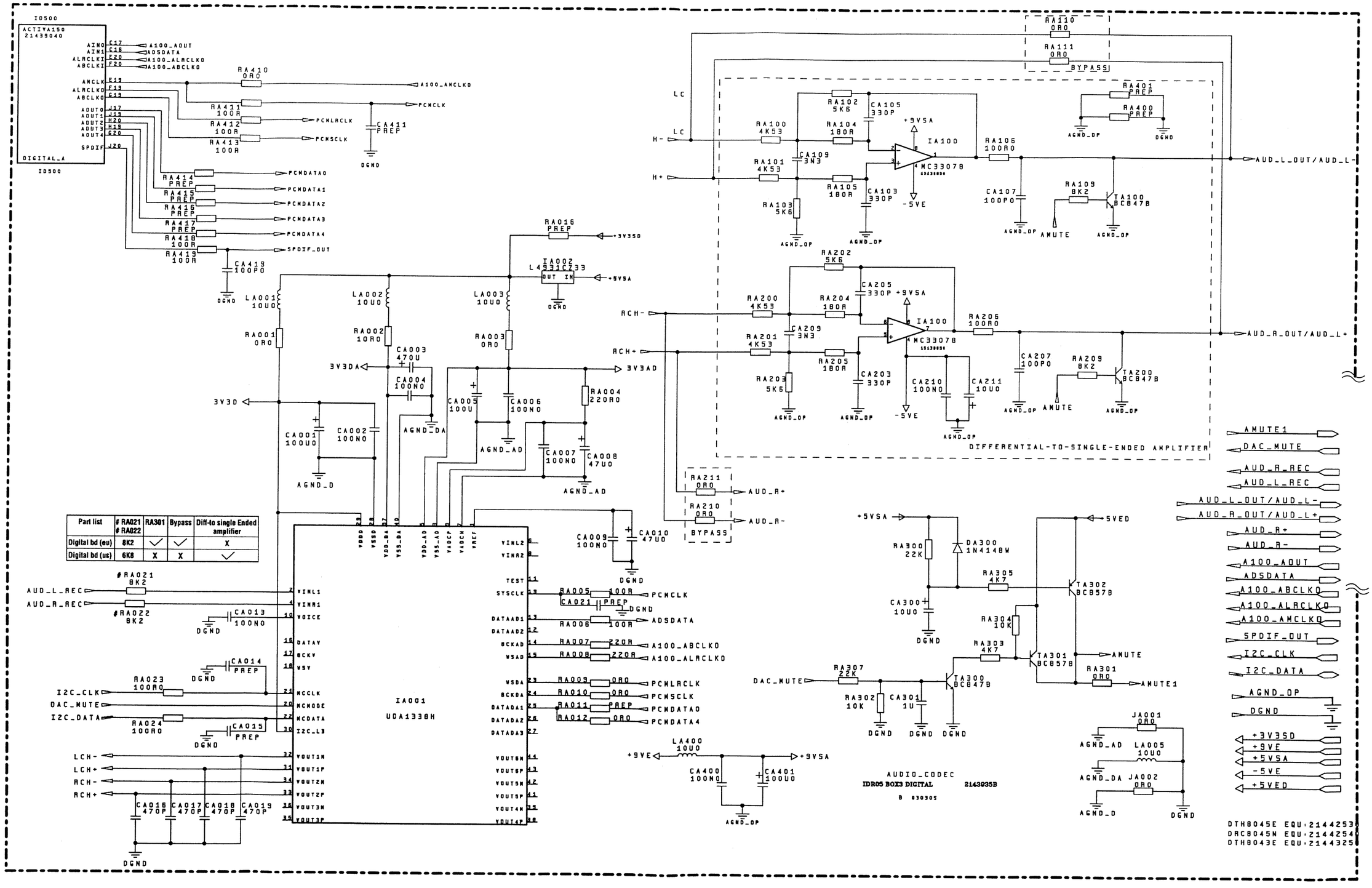
(DIGITAL BOARD 3/9)



Part list	# RA021 # RA022	RA301	Bypass	Diff-to single Ended amplifier
Digital bd (eu)	8K2	✓	✓	X
Digital bd (us)	6K8	X	X	✓

MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - SCHALTBILD HAUPTPLATINE - SCHEMA DELLA PIASTRA PRINCIPALE- ESQUEMA DE LA PLATINA PRINCIPAL

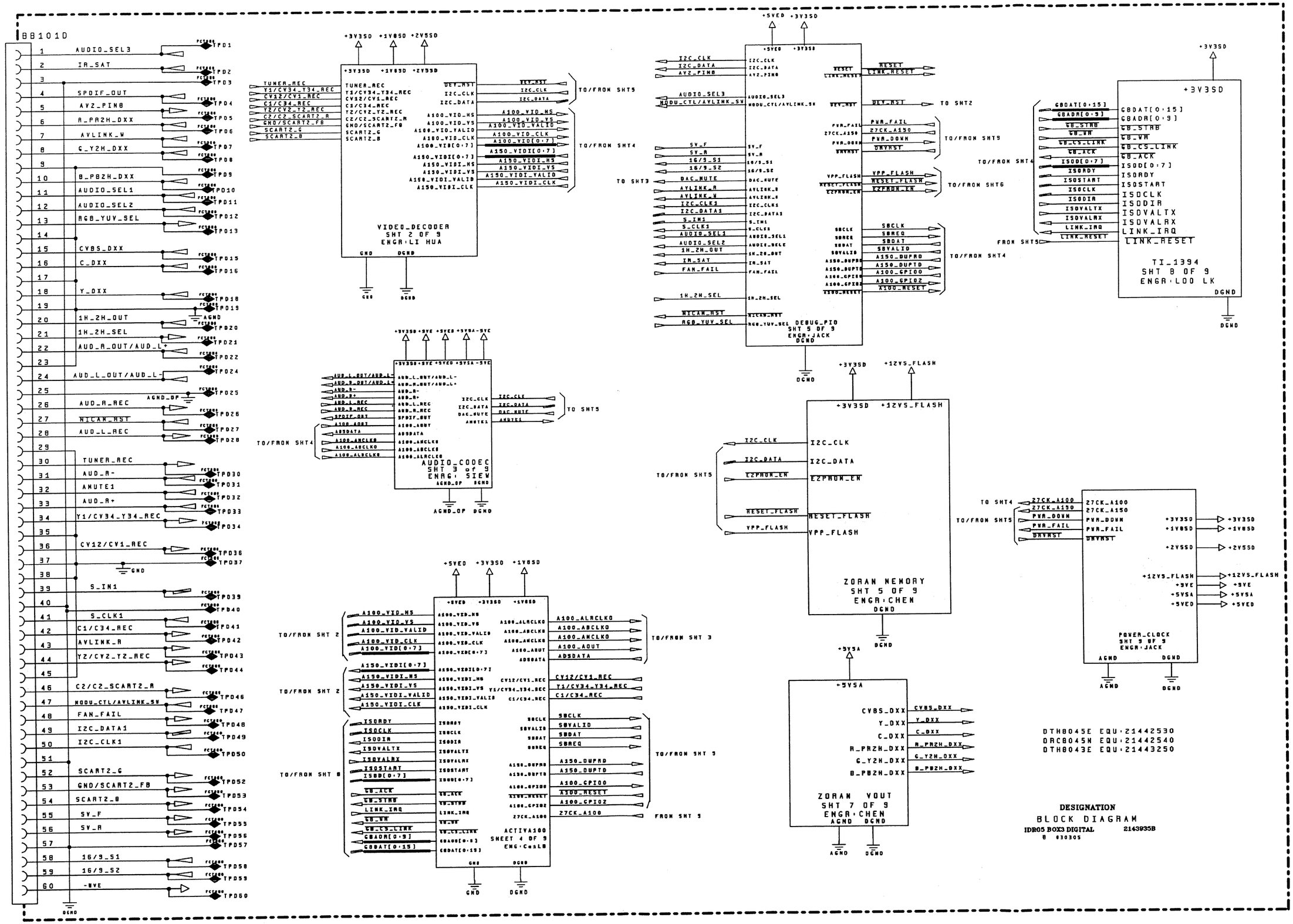
(DIGITAL BOARD 4/9)



IDR05
First issue 09 / 05

MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - SCHALTBILD HAUPTPLATINE - SCHEMA DELLA PIASTRA PRINCIPALE- ESQUEMA DE LA PLATINA PRINCIPAL

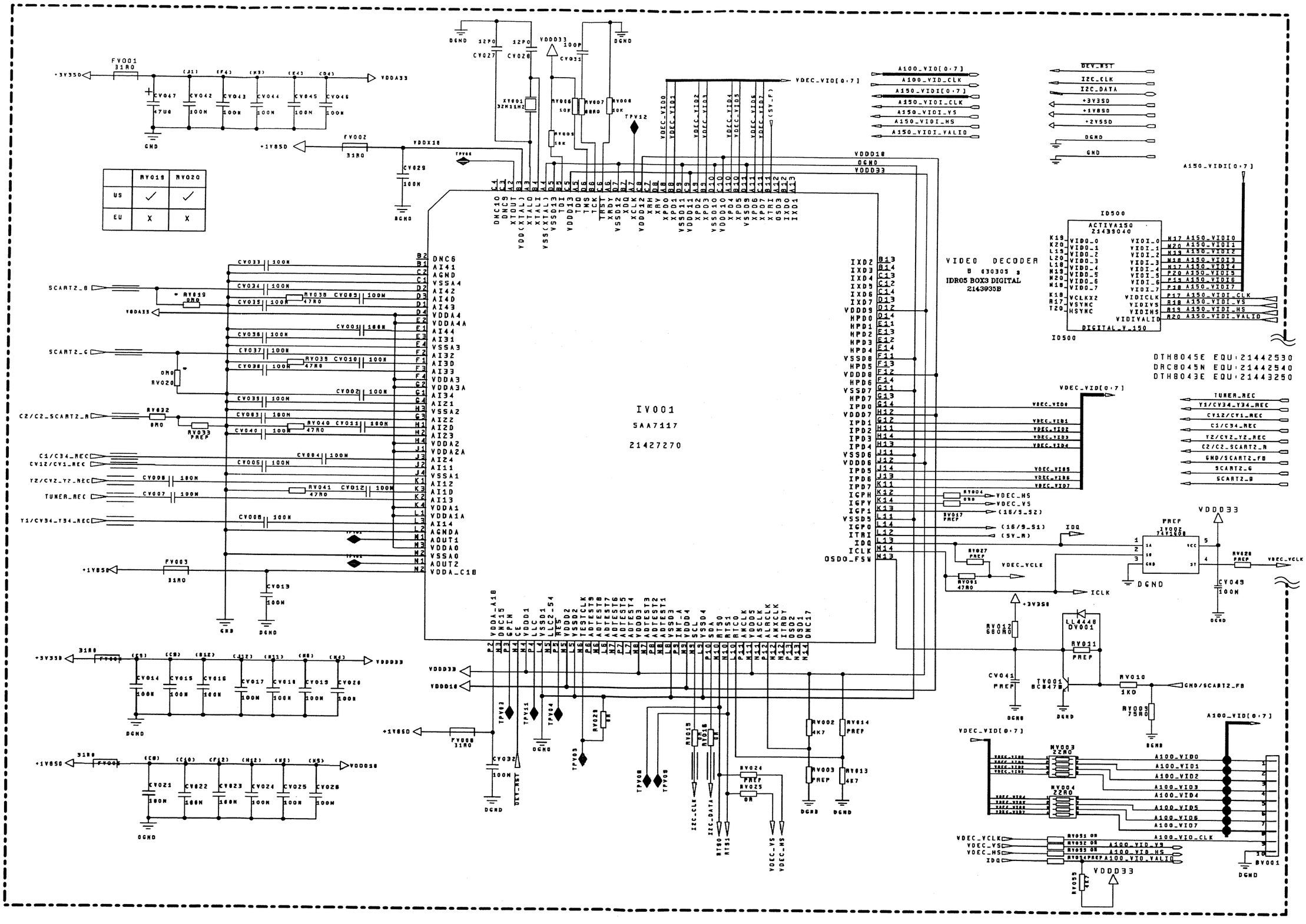
(DIGITAL BOARD 1/9)



IDR05
First issue 09 / 05

MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - SCHALTBILD HAUPTPLATINE - SCHEMA DELLA PIASTRA PRINCIPALE- ESQUEMA DE LA PLATINA PRINCIPAL

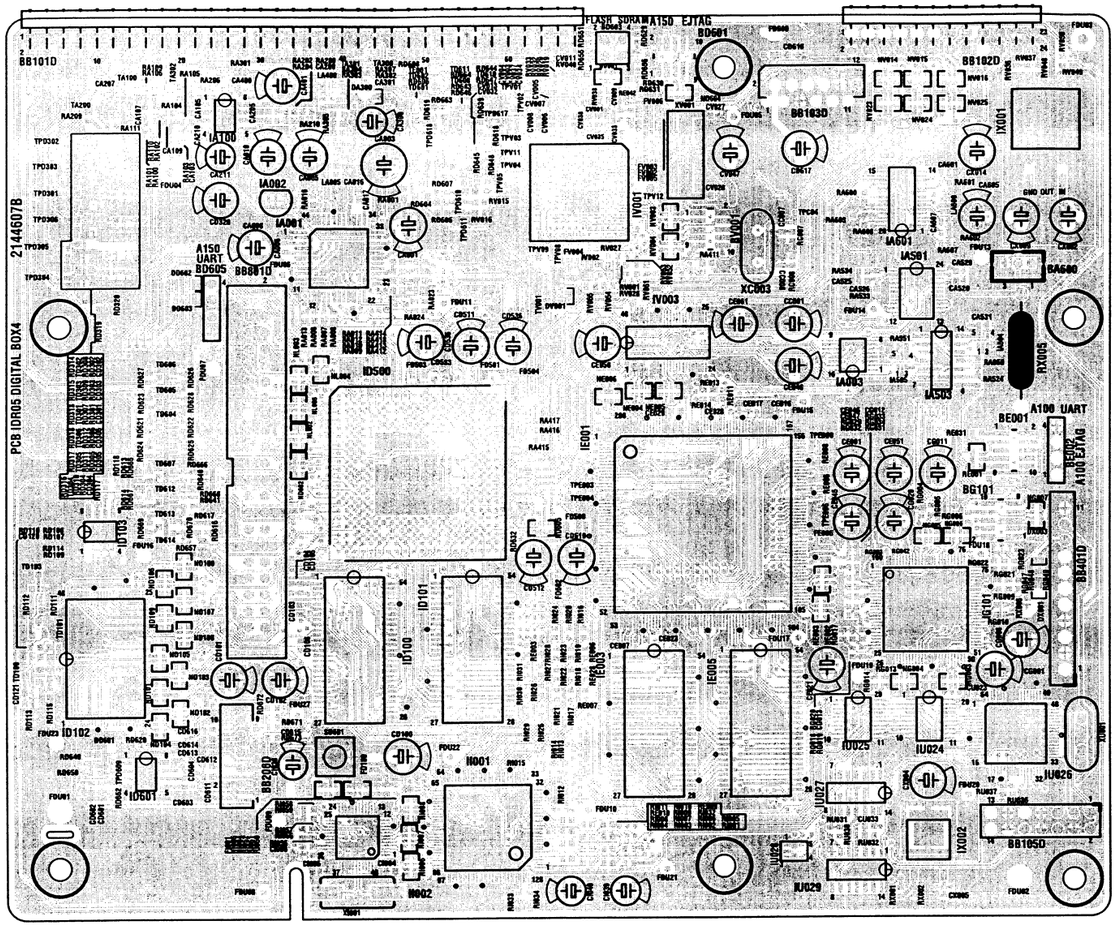
(DIGITAL BOARD 2/9)



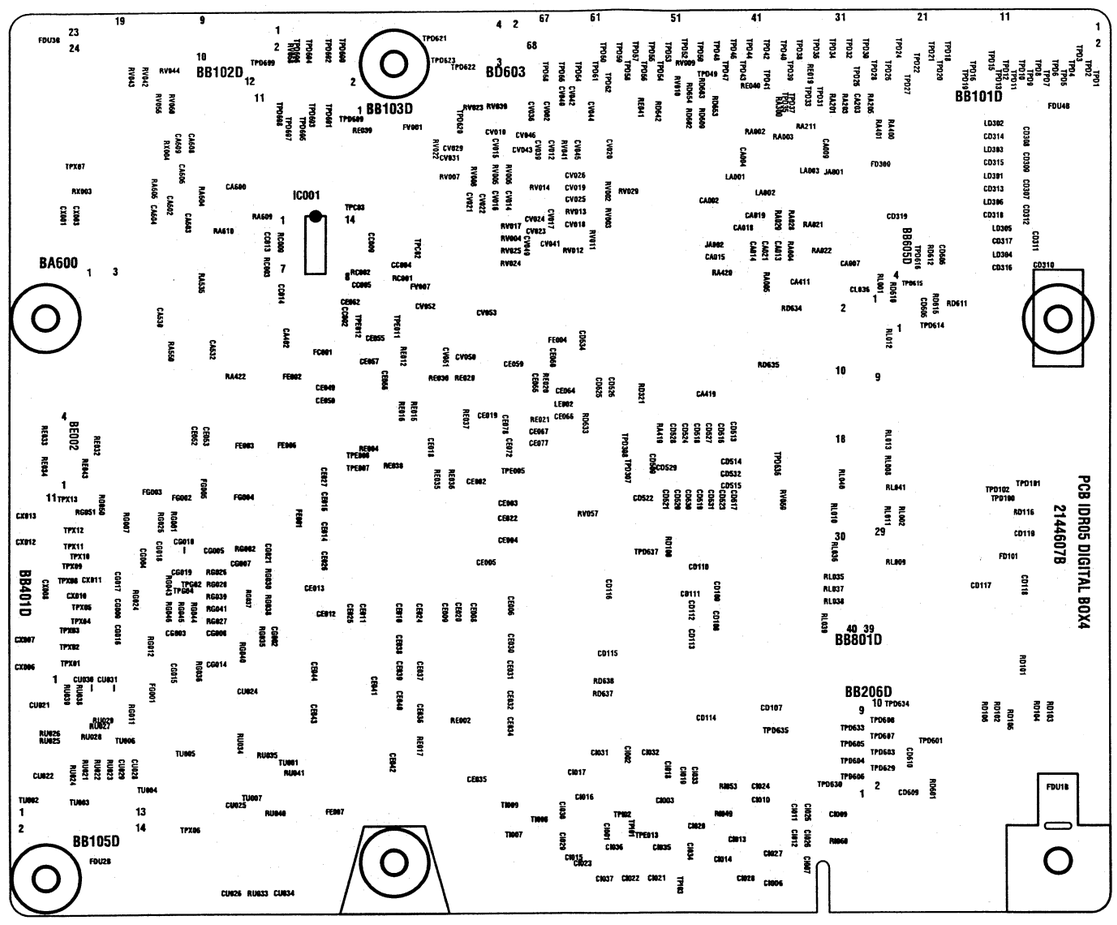
IDR05
First issue 09 / 05

DIGITAL PROCESSING P.C.B. - PLATINE TRAITEMENT DIGITAL - LTPL. DIGITALVERARBEITUNG - PIASTRA ELABORAZIONE DIGITALE - PLATINA TRATAMIENTO DIGITAL

COMPONENT SIDE - COTÉ COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES



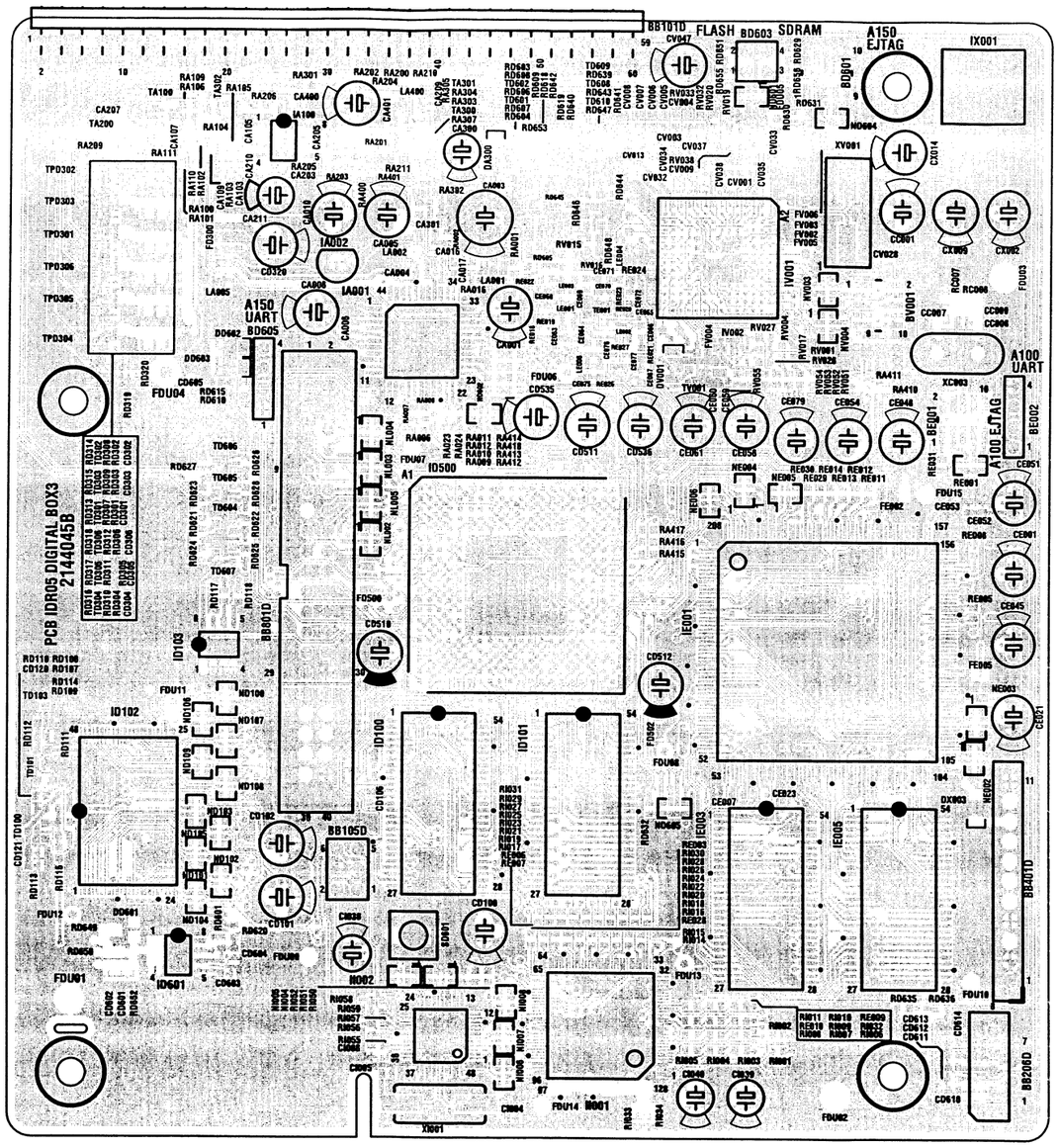
SOLDER SIDE - COTÉ CUIVRE - LÖTSEITE - LATO SALDATURE - LADO DEL COBRE



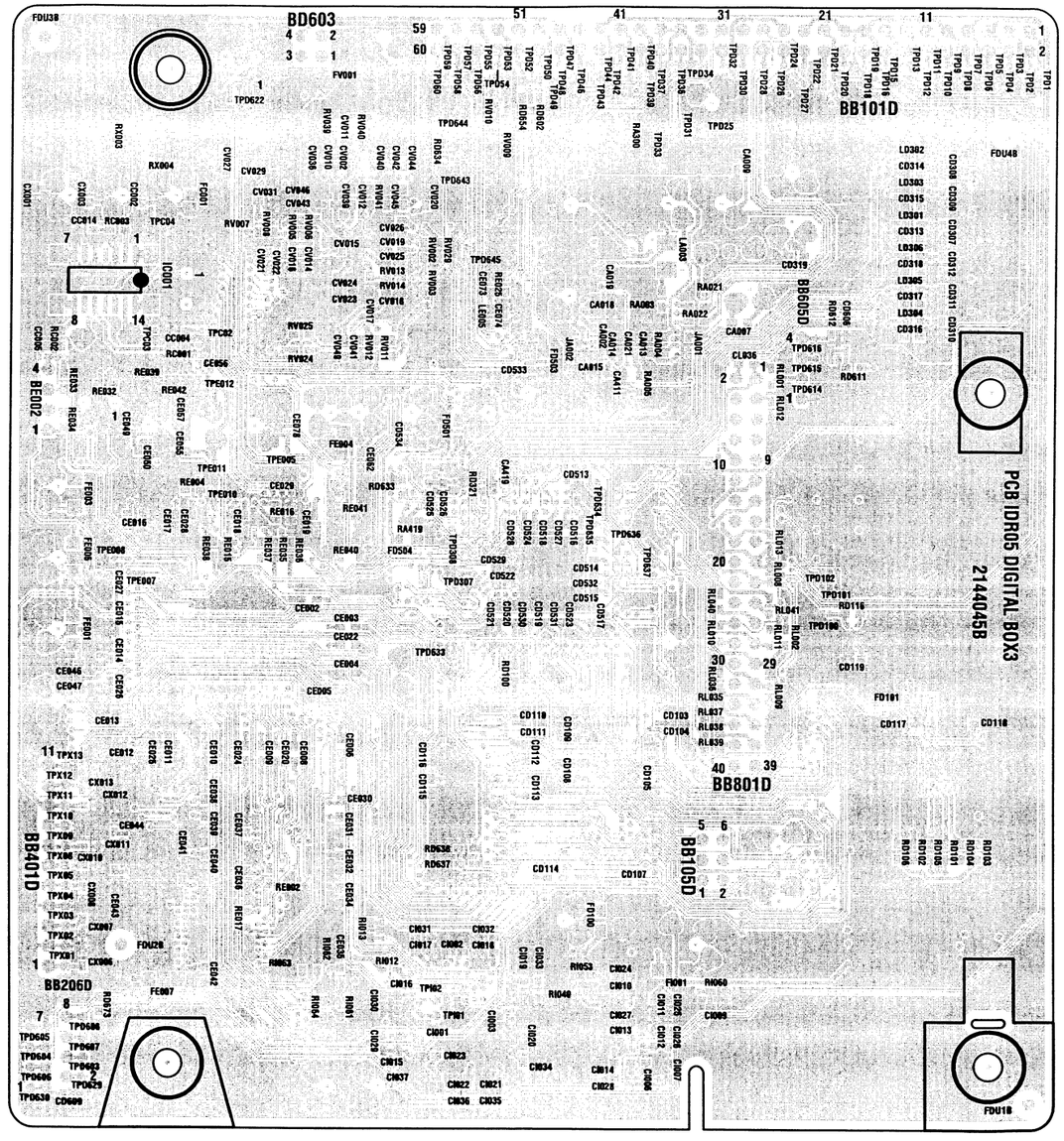
IDR05
First issue 09 / 05

DIGITAL PROCESSING P.C.B. - PLATINE TRAITEMENT DIGITAL - LTPL. DIGITALVERARBEITUNG - PIASTRA ELABORAZIONE DIGITALE - PLATINA TRATAMIENTO DIGITAL

COMPONENT SIDE - COTÉ COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES



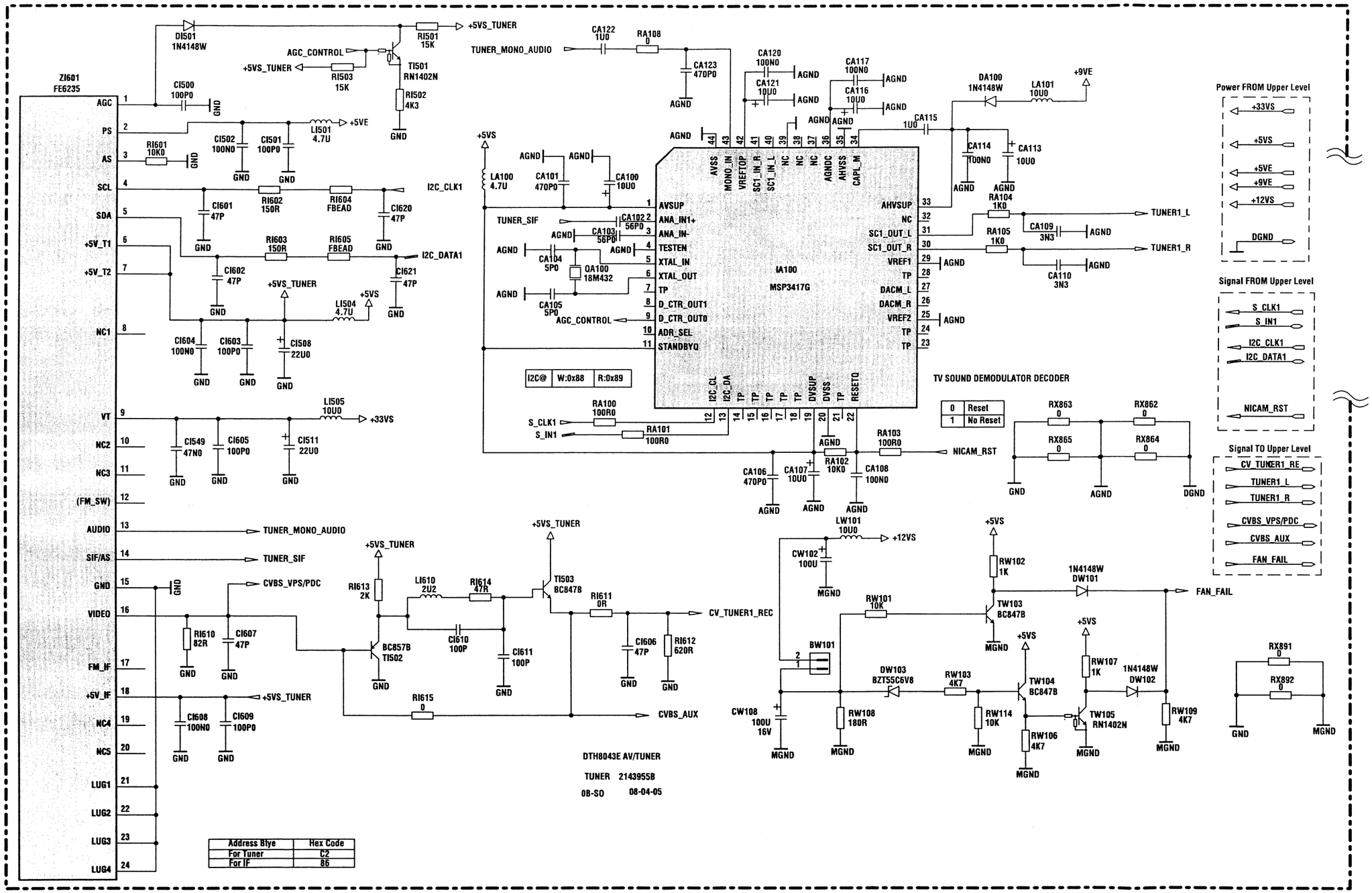
SOLDER SIDE - COTÉ CUIVRE - LÖTSEITE - LATO SALDATURE - LADO DEL COBRE



IDR05
First issue 09 / 05

SCART INTERFACE / TUNER SCHEMATIC DIAGRAM - SCHEMA DE L'INTERFACE PERITELEVISION / TUNER - SCHALTBILD EUROPA NORMBUCHSE / TUNER SCHEMA DELLA PRESA PERITEL / SINTONIZZATORE - ESQUEMA INTERFAZ EUROTOMA / SINTONIZADOR

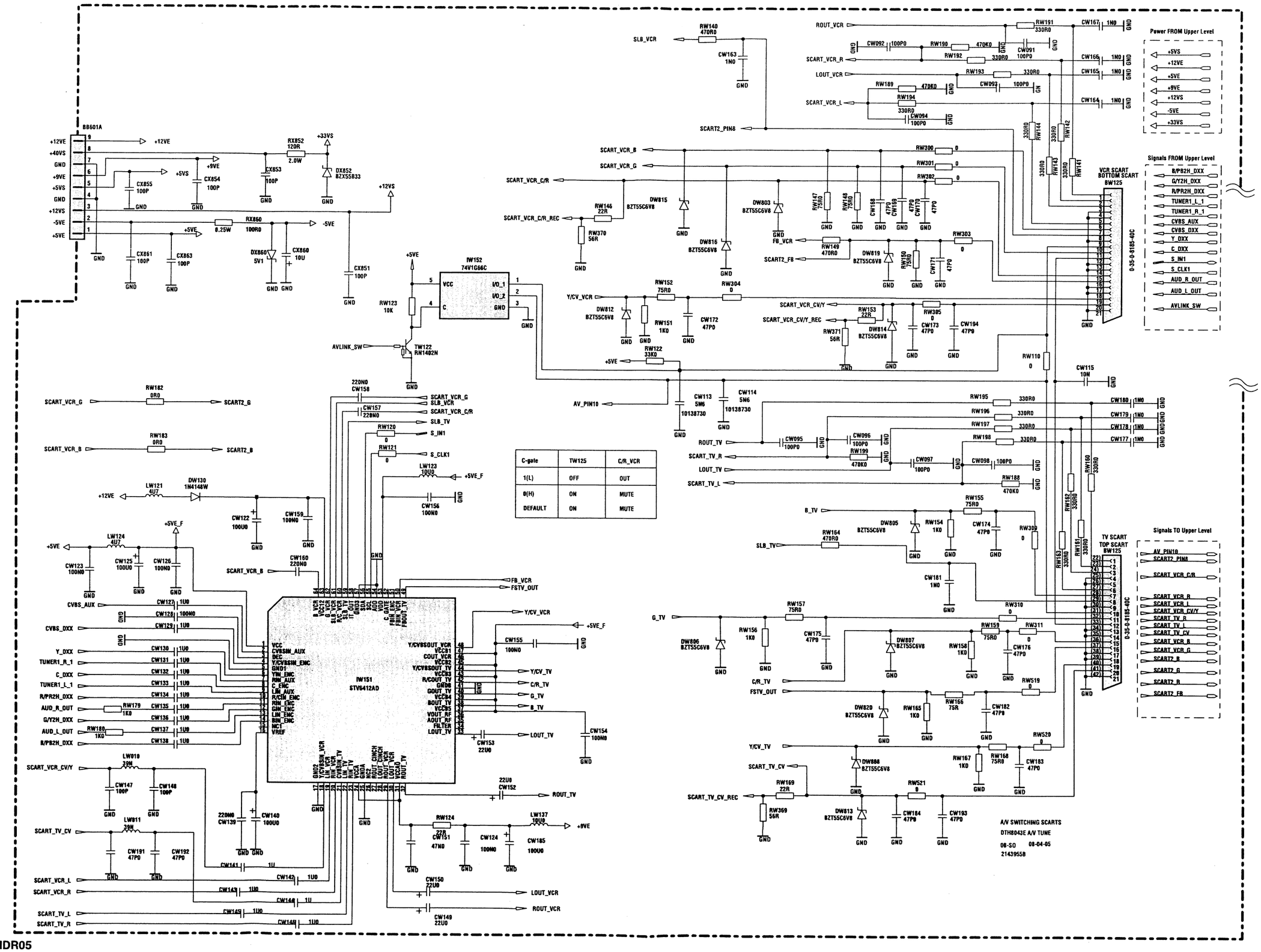
(AV TUNER BOARD 6/6)



IDR05
First issue 09 / 05

SCART INTERFACE / TUNER SCHEMATIC DIAGRAM - SCHEMA DE L'INTERFACE PERITELEVISION / TUNER - SCHALTBILD EUROPA NORMBUCHSE / TUNER SCHEMA DELLA PRESA PERITEL / SINTONIZZATORE - ESQUEMA INTERFAZ EUROTOMA / SINTONIZADOR

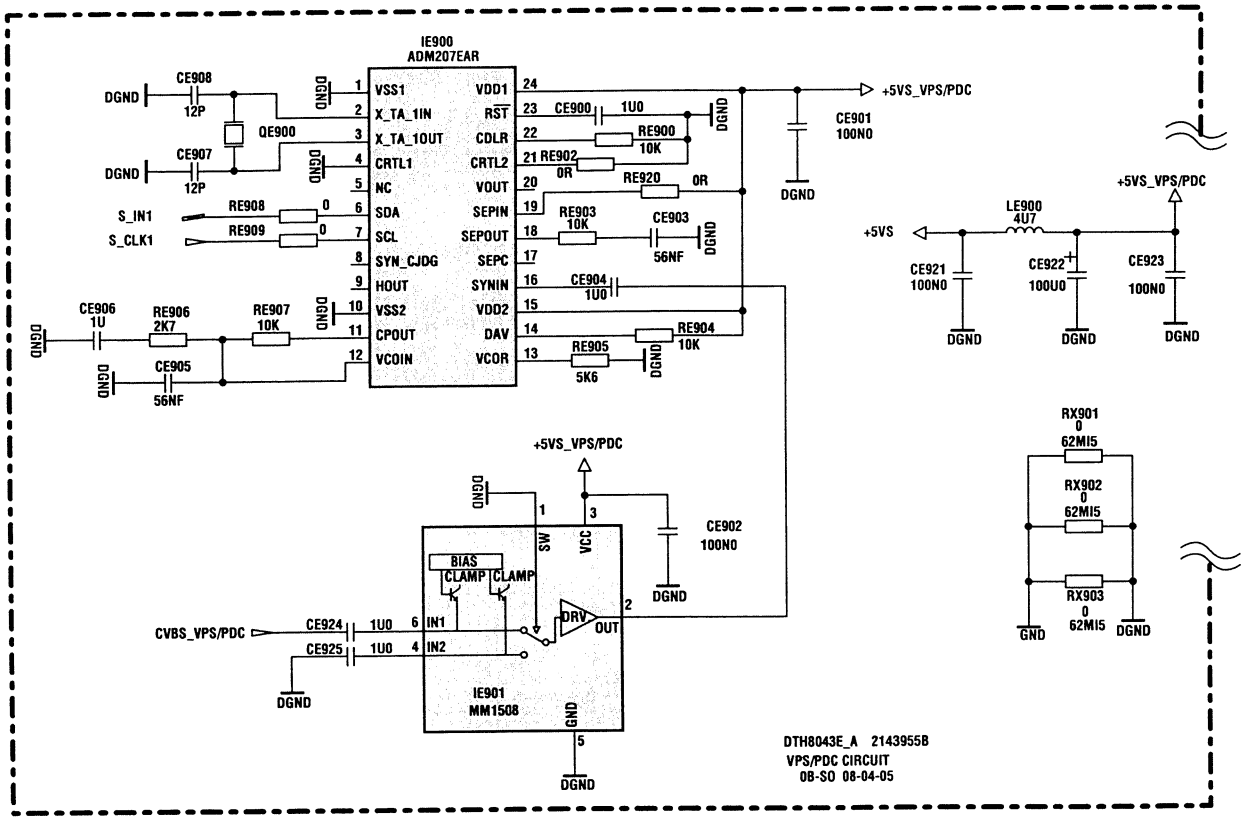
(AV TUNER BOARD 5/6)



IDR05
First issue 09 / 05

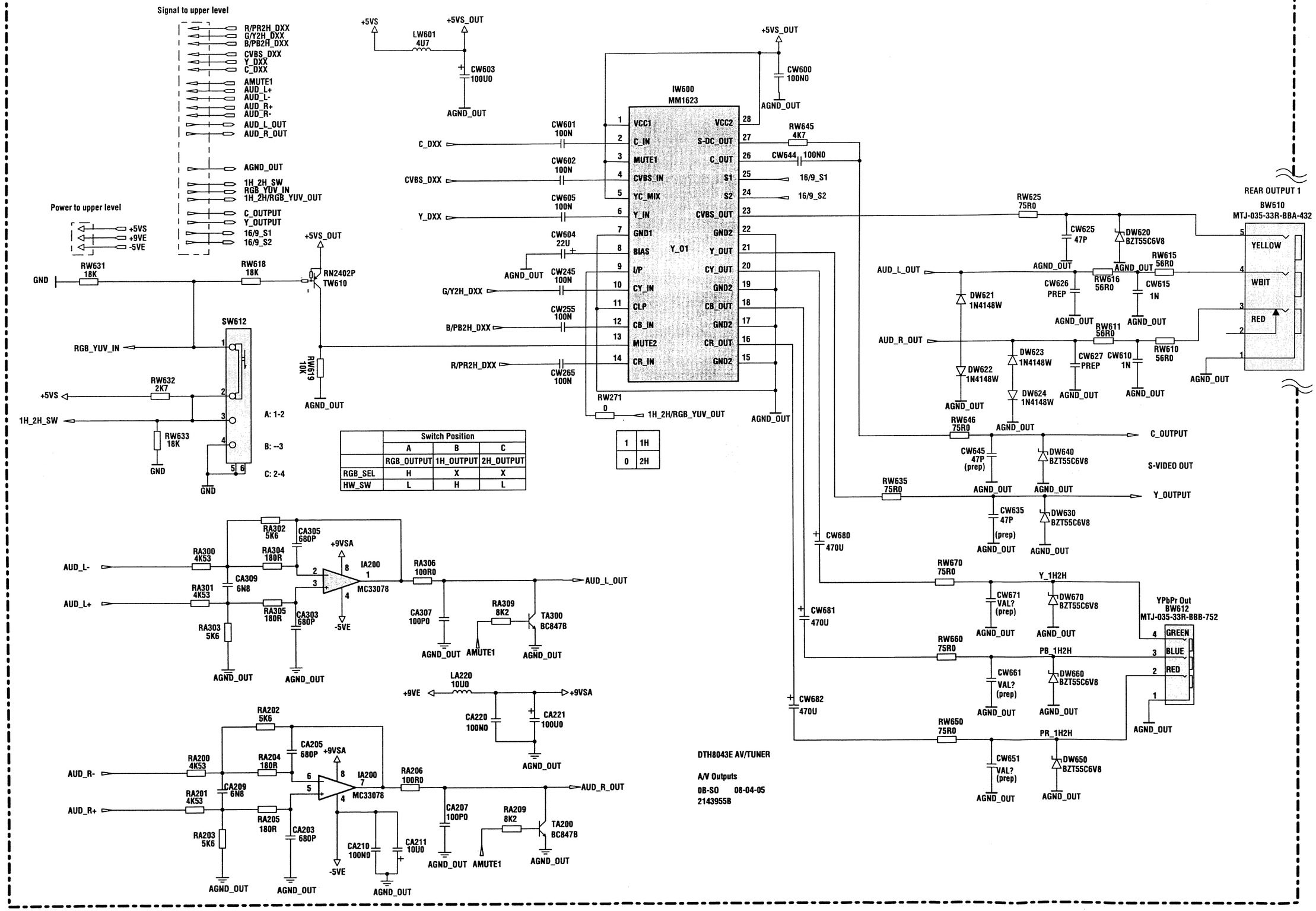
SCART INTERFACE / TUNER SCHEMATIC DIAGRAM
SCHEMA DE L'INTERFACE PERITELEVISION / TUNER
SCHALTBILD EUROPA NORMBUCHSE / TUNER
SCHEMA DELLA PRESA PERITEL / SINTONIZZATORE
ESQUEMA INTERFAZ EUROTOMA / SINTONIZADOR

(AV TUNER BOARD 4/6)



SCART INTERFACE / TUNER SCHEMATIC DIAGRAM - SCHEMA DE L'INTERFACE PERITELEVISION / TUNER - SCHALTBILD EUROPA NORMBUCHSE / TUNER
SCHEMA DELLA PRESA PERITEL / SINTONIZZATORE - ESQUEMA INTERFAZ EUROTOMA / SINTONIZADOR

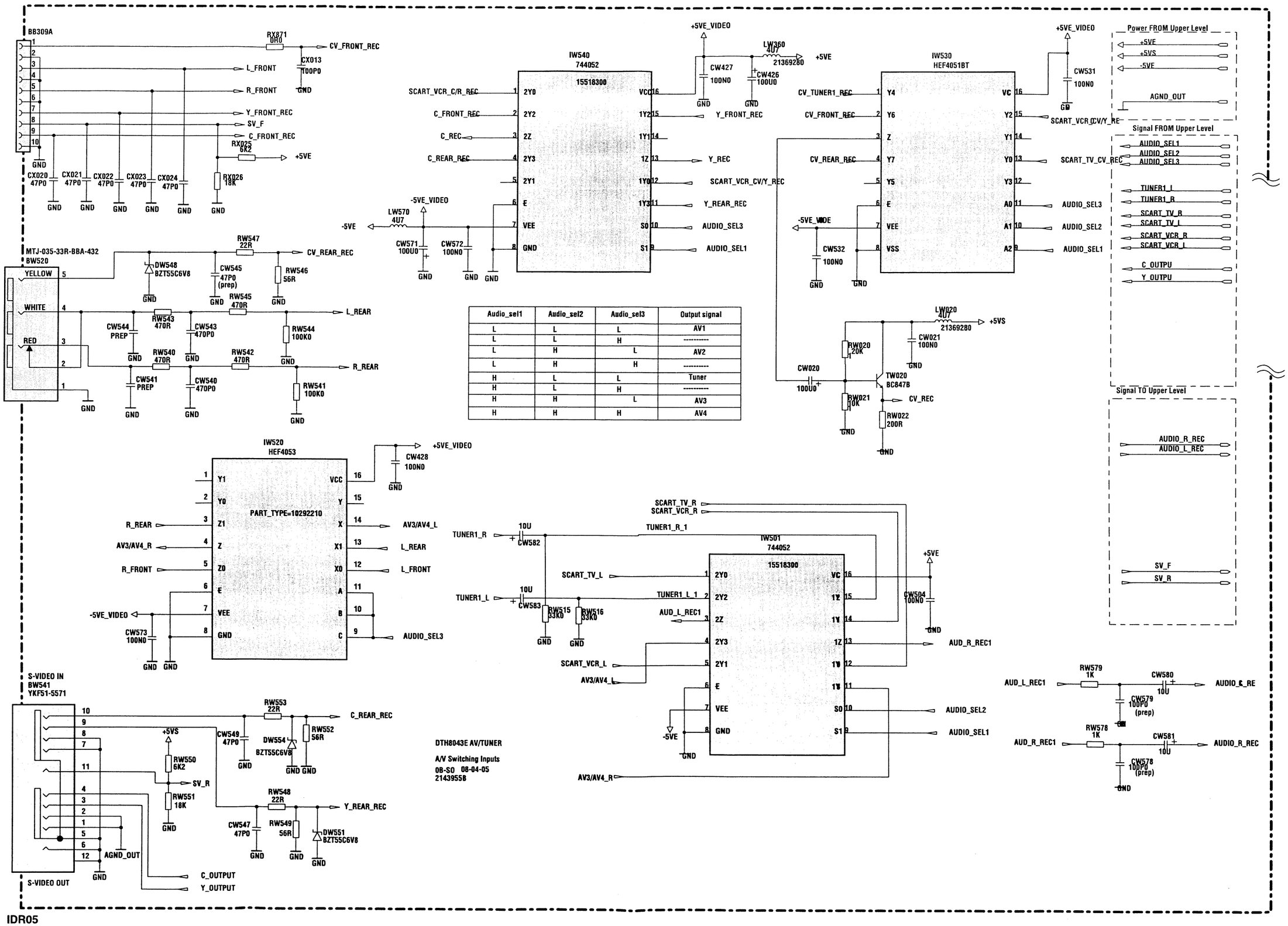
(AV TUNER BOARD 2/6)



IDR05
First issue 09 / 05

SCART INTERFACE / TUNER SCHEMATIC DIAGRAM - SCHEMA DE L'INTERFACE PERITELEVISION / TUNER - SCHALTBILD EUROPA NORMBUCHSE / TUNER
SCHEMA DELLA PRESA PERITEL / SINTONIZZATORE - ESQUEMA INTERFAZ EUROTOMA / SINTONIZADOR

(AV TUNER BOARD 3/6)

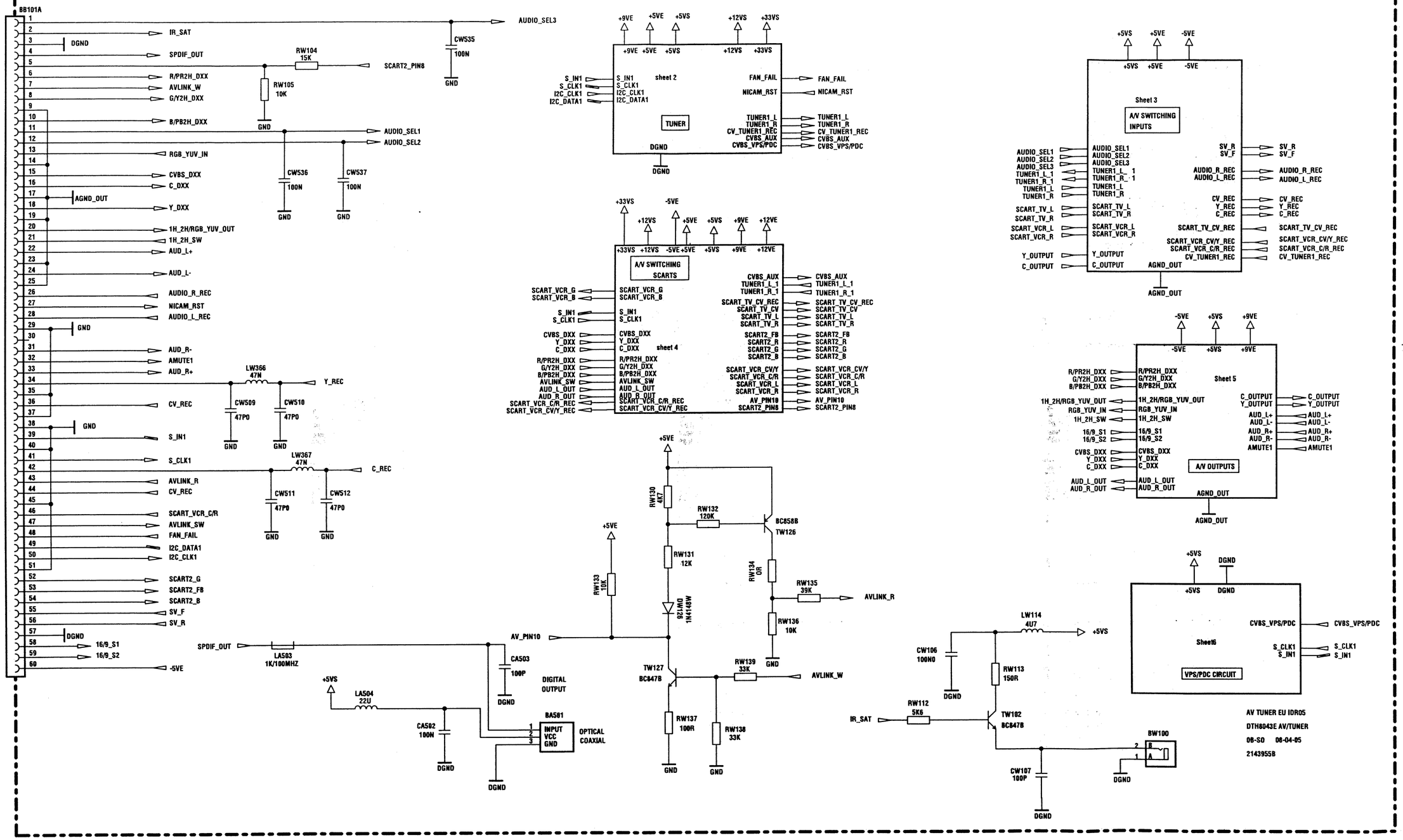


Audio_sel1	Audio_sel2	Audio_sel3	Output signal
L	L	L	AV1
L	L	H	----------
L	H	L	AV2
L	H	H	----------
H	L	L	Tuner
H	L	H	----------
H	H	L	AV3
H	H	H	AV4

IDR05
First issue 09 / 05

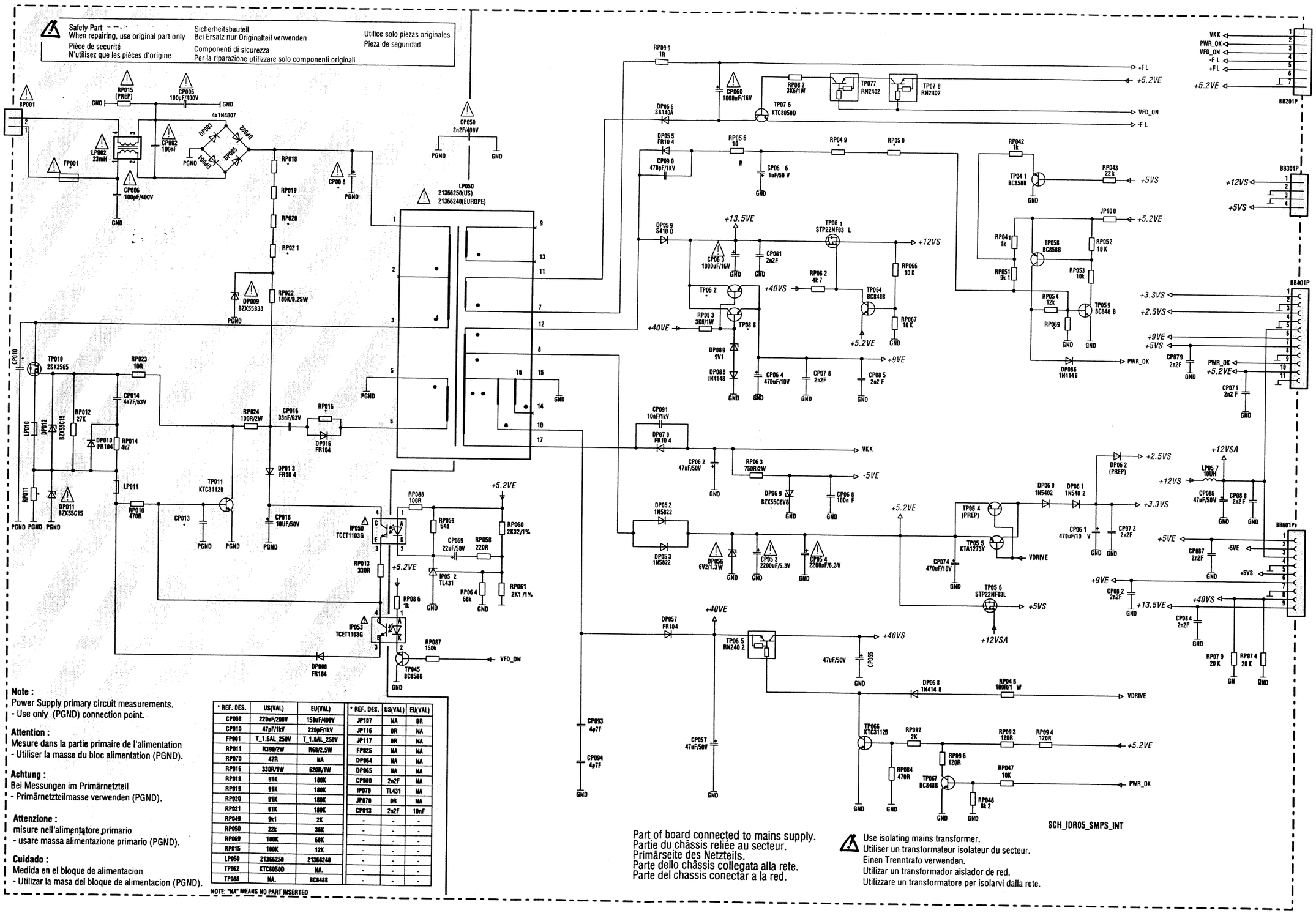
SCART INTERFACE / TUNER SCHEMATIC DIAGRAM - SCHEMA DE L'INTERFACE PERITELEVISION / TUNER - SCHALTBILD EUROPA NORMBUCHSE / TUNER
SCHEMA DELLA PRESA PERITEL / SINTONIZZATORE - ESQUEMA INTERFAZ EUROTOMA / SINTONIZADOR

(AV TUNER BOARD 1/6)



IDR05
First issue 09 / 05

POWER SUPPLY SCHEMATIC DIAGRAM - SCHEMA DES CIRCUITS D'ALIMENTATIONS - SCHALTBILD NETZTEIL - SCHEMA DEI CIRCUITI DI ALIMENTAZIONE
ESQUEMA DE LOS CIRCUITOS DE ALIMENTACIÓN



Note :
Power Supply primary circuit measurements.
- Use only (PGND) connection point.

Attention :
Mesure dans la partie primaire de l'alimentation
- Utiliser la masse du bloc alimentation (PGND).

Achtung :
Bei Messungen im Primärnetzteil
- Primärnetzteilmasse verwenden (PGND).

Attenzione :
misure nell'alimentatore primario
- usare massa alimentazione primario (PGND).

Cuidado :
Medida en el bloque de alimentacion
- Utilizar la masa del bloque de alimentacion (PGND).

* REF. DES.	US(VAL)	EU(VAL)	* REF. DES.	US(VAL)	EU(VAL)
CP008	220uF/200V	150uF/400V	JP107	NA	0R
CP010	47pF/1kV	220pF/1kV	JP116	0R	NA
FP001	T_1.6AL_250V	T_1.0AL_250V	JP117	0R	NA
RP011	R390/2W	R68/2.5W	FP025	NA	NA
RP070	47R	NA	DP064	NA	NA
RP016	330R/1W	620R/1W	DP065	NA	NA
RP018	91K	180K	CP080	2n2F	NA
RP019	91K	180K	IP070	TL431	NA
RP020	91K	180K	JP070	0R	NA
RP021	91K	180K	CP013	2n2F	10nF
RP049	9k1	2K	-	-	-
RP050	22k	36K	-	-	-
RP069	100K	68K	-	-	-
RP015	100K	12K	-	-	-
LP050	21366250	21366240	-	-	-
TP062	KTC8050D	NA.	-	-	-
TP088	NA.	BC848B	-	-	-

NOTE: "NA" MEANS NO PART INSERTED

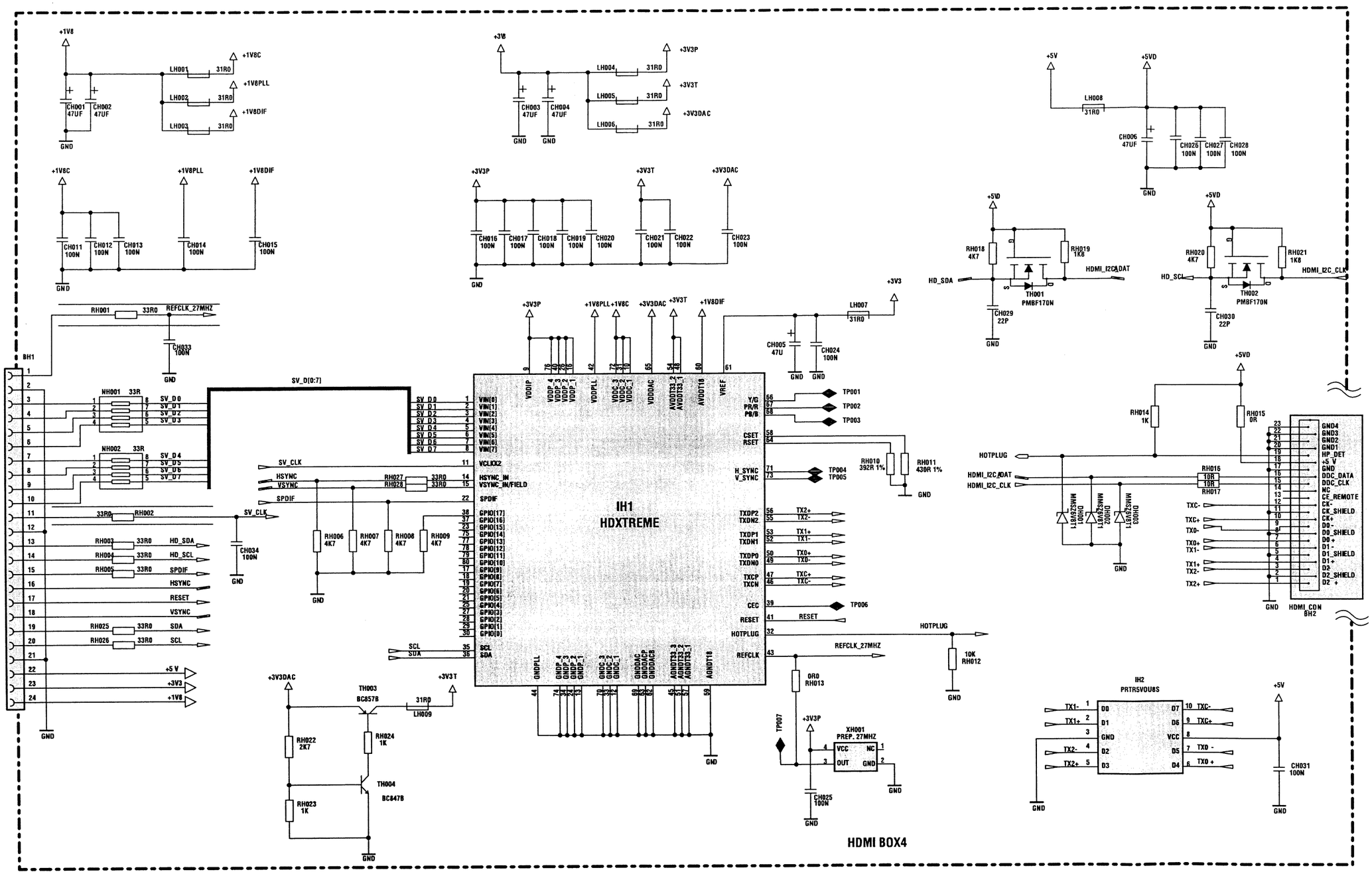
Part of board connected to mains supply.
Partie du châssis reliée au secteur.
Primärseite des Netzteils.
Parte dello châssis collegata alla rete.
Parte del chassis conectar a la red.

Use isolating mains transformer.
Utiliser un transformateur isolateur du secteur.
Einen Trenntrafo verwenden.
Utilizar un transformador aislador de red.
Utilizzare un transformatore per isolarvi dalla rete.

SCH_IDR05_SMPS_INT

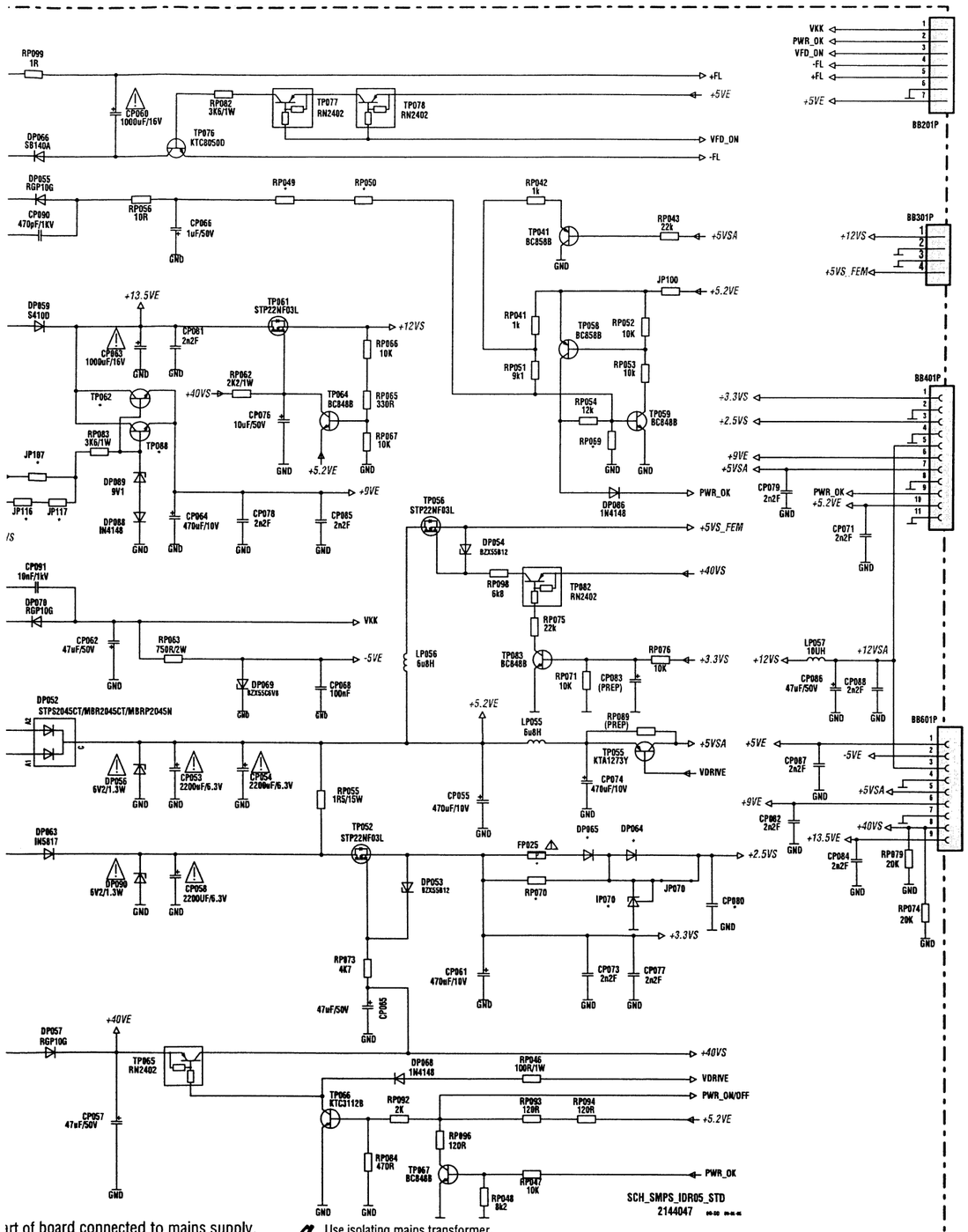
IDR05
First issue 09 / 05

HDMI



IDR05
First issue 09 / 05

SCHALTBILD NETZTEIL - SCHEMA DEI CIRCUITI DI ALIMENTAZIONE

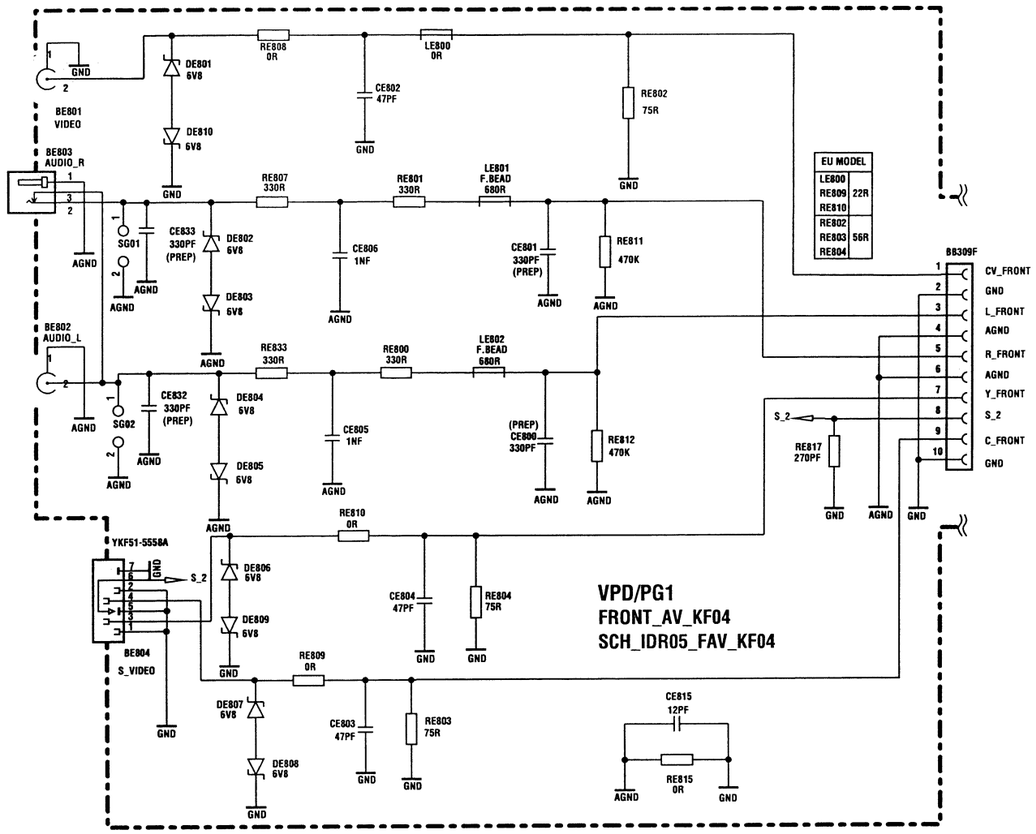


art of board connected to mains supply.
artie du châssis reliée au secteur.
imärseite des Netzteils.
arte dello chassis collegata alla rete.
arte del chassis conectar a la red.

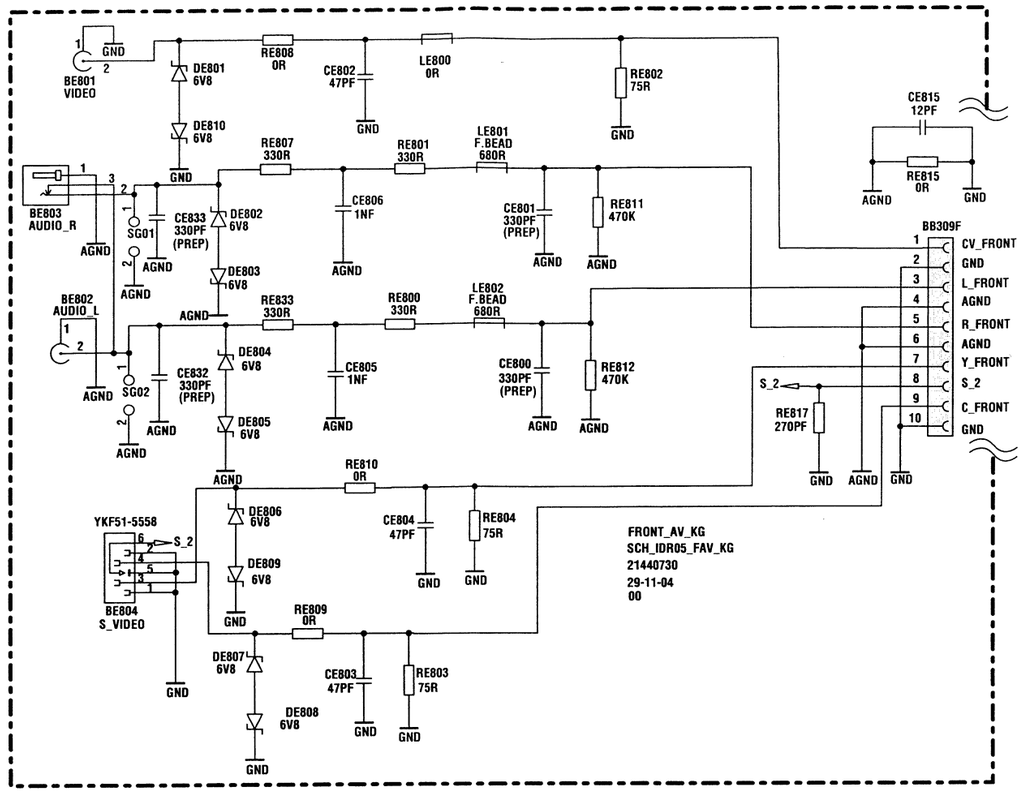
Use isolating mains transformer.
Utiliser un transformateur isolateur du secteur.
Einen Trenntrafo verwenden.
Utilizar un transformador aislador de red.
Utilizzare un transformatore per isolarvi dalla rete.

NOTE: "NA" MEANS NO PART INSERTED

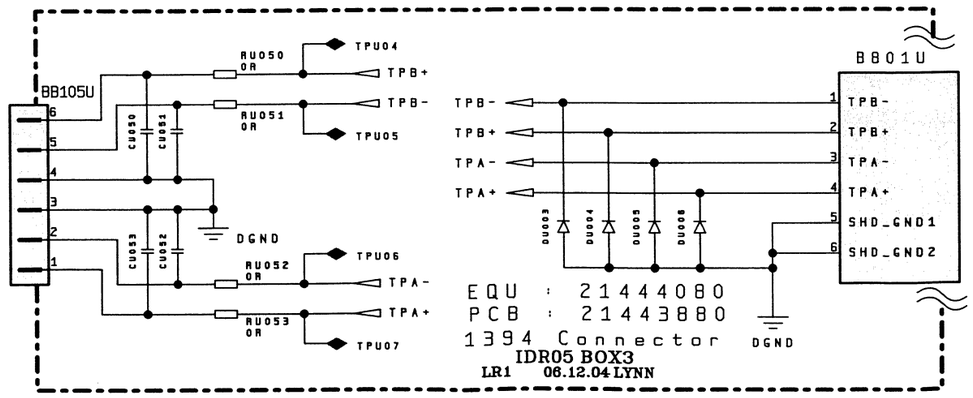
HEARPHONE

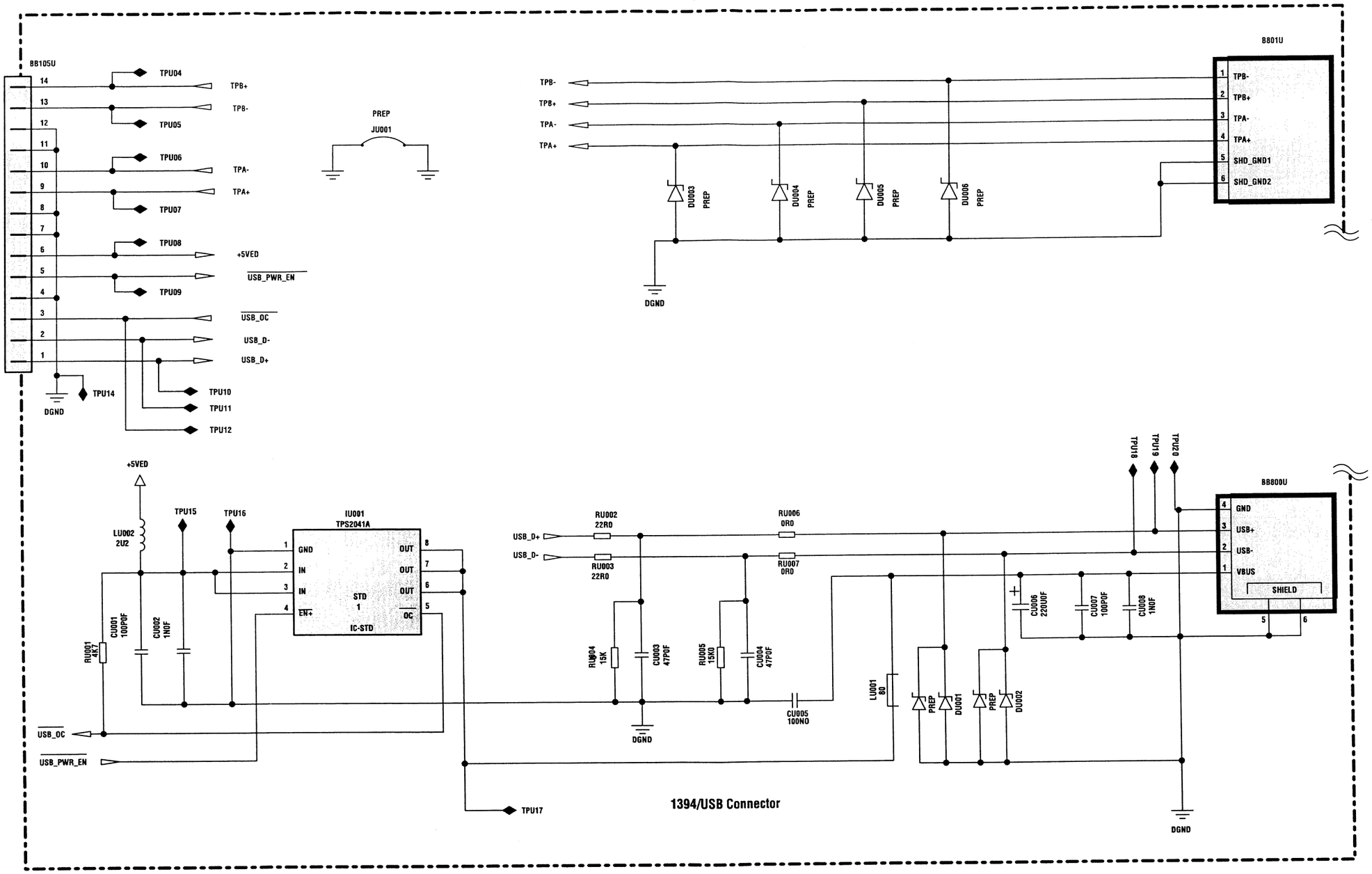


HEARPHONE



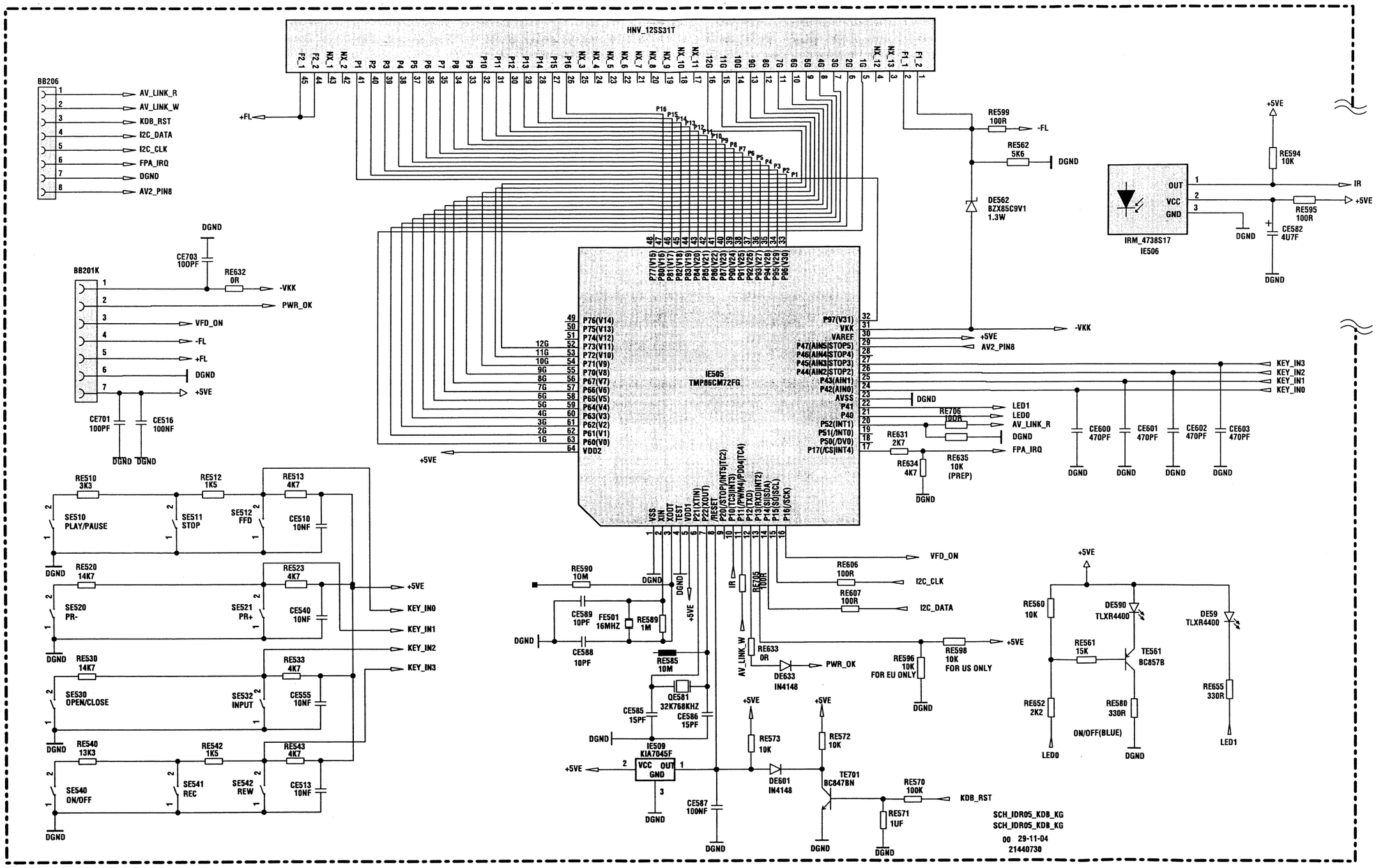
DV1394




BB105U
14
13
12
11
10
9
8
7
6
5
4
3
2
1
TPU04
TPB+
TPB-
TPU05
TPU06
TPA-
TPA+
TPU07
TPU08
+5VED
USB_PWR_EN
TPU09
USB_OC
USB_D-
USB_D+
TPU14
DGND
TPU10
TPU11
TPU12
PREP
JU001
TPB-
TPB+
TPA-
TPA+
DU003 PREP
DU004 PREP
DU005 PREP
DU006 PREP
DGND
BB801U
1 TPB-
2 TPB+
3 TPA-
4 TPA+
5 SHD_GND1
6 SHD_GND2
+5VED
LU002 2U2
TPU15
TPU16
IU001 TPS2041A
1 GND
2 IN
3 IN
4 EN+
STD 1 IC-STD
8 OUT
7 OUT
6 OUT
5 OC
RU001 4K7
CU001 100P0F
CU002 1N0F
USB_OC
USB_PWR_EN
TPU17
USB_D+
USB_D-
RU002 22R0
RU003 22R0
RU006 0R0
RU007 0R0
RU004 15K
CU003 47P0F
RU005 15K0
CU004 47P0F
CU005 100N0
DGND
LU001 80
PREP DU001
PREP DU002
CU006 220U0F
CU007 100P0F
CU008 1N0F
TPU18
TPU19
TPU20
BB800U
4 GND
3 USB+
2 USB-
1 VBUS
SHIELD
5
6
DGND
1394/USB Connector

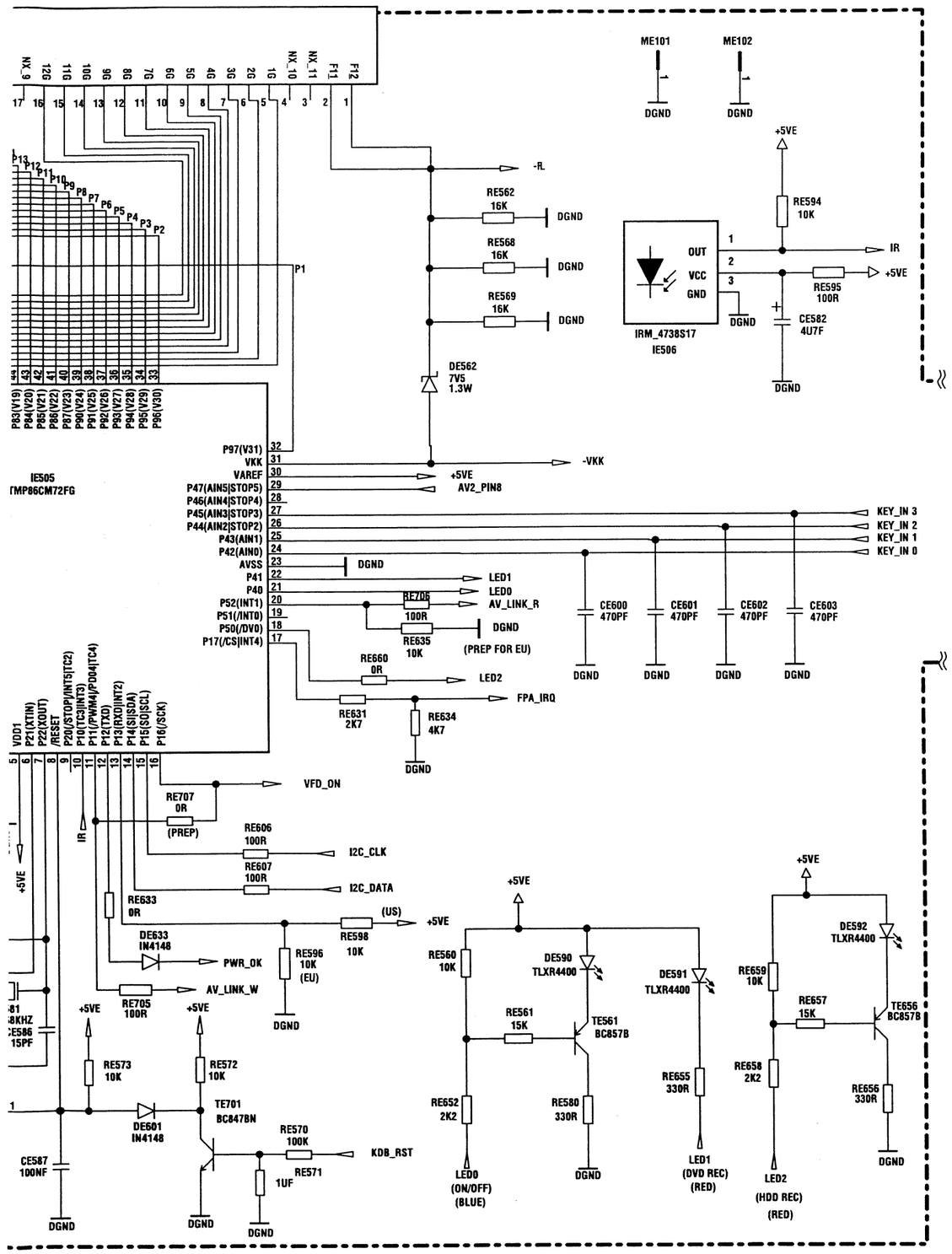
KEYBOARD WITH DISPLAY - PLATINE DE COMMANDES AVEC AFFICHEUR - BEDIENTEIL MIT DISPLAY - TASTIERA CON DISPLAY - PLATINA MANDOS CON VISUALIZADOR

SCHEMATIC DIAGRAM - SCHEMA DE PRINCIPE - SCHALTBILD - SCHEMA - ESQUEMA



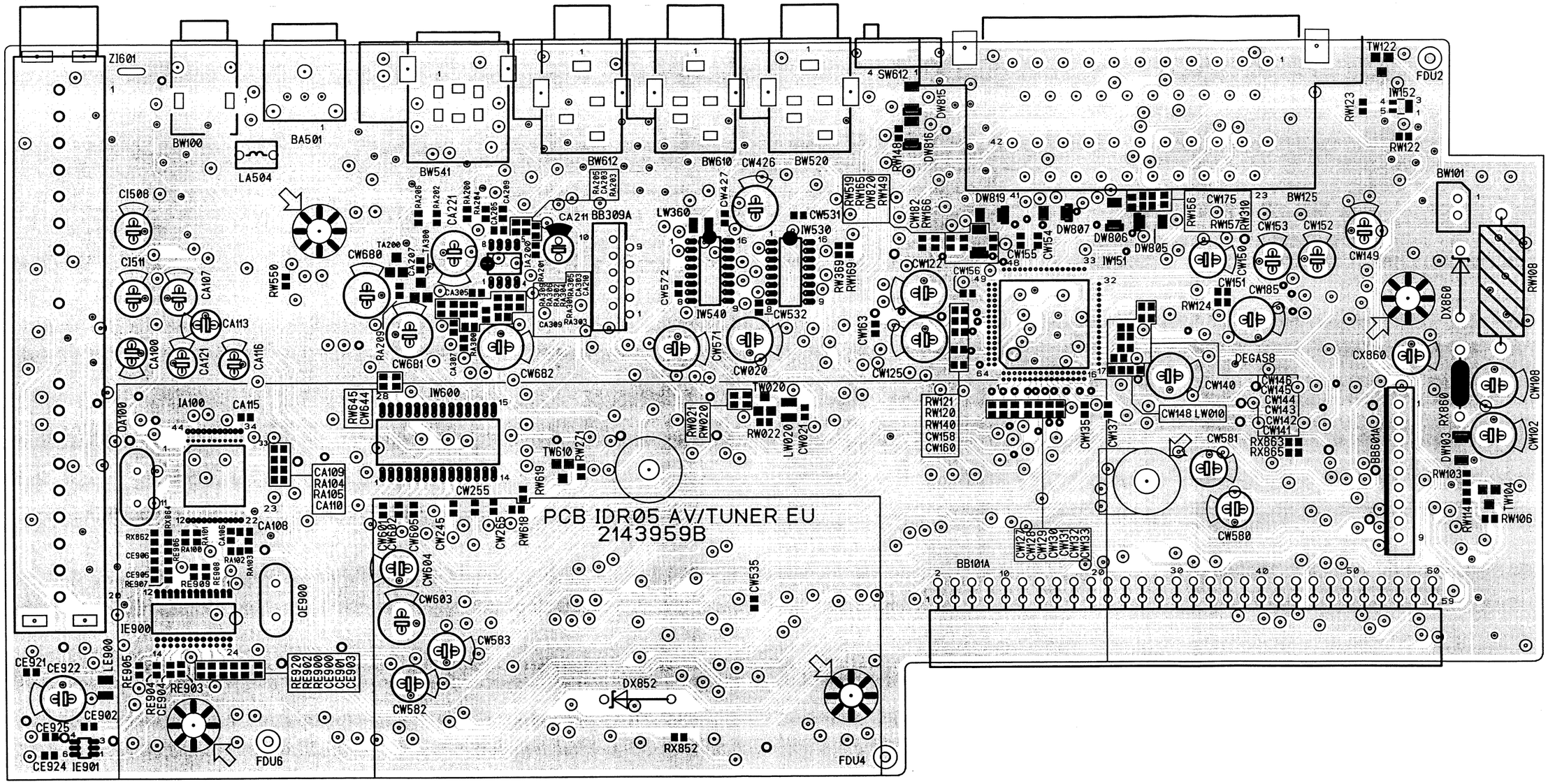
IDR05
First issue 09 / 05

IL MIT DISPLAY - TASTIERA CON DISPLAY - PLATINA MANDOS CON VISUALIZADOR



SCART INTERFACE P.C.B./TUNER - PLATINE INTERFACE PERITELEVISION/TUNER -LEITERPLATTE EUROPA NORMBUCHSE/TUNER - PIASTRA PRESA PERITEL/TUNER PLATINA INTERFAZ EUROTOMA/TUNER

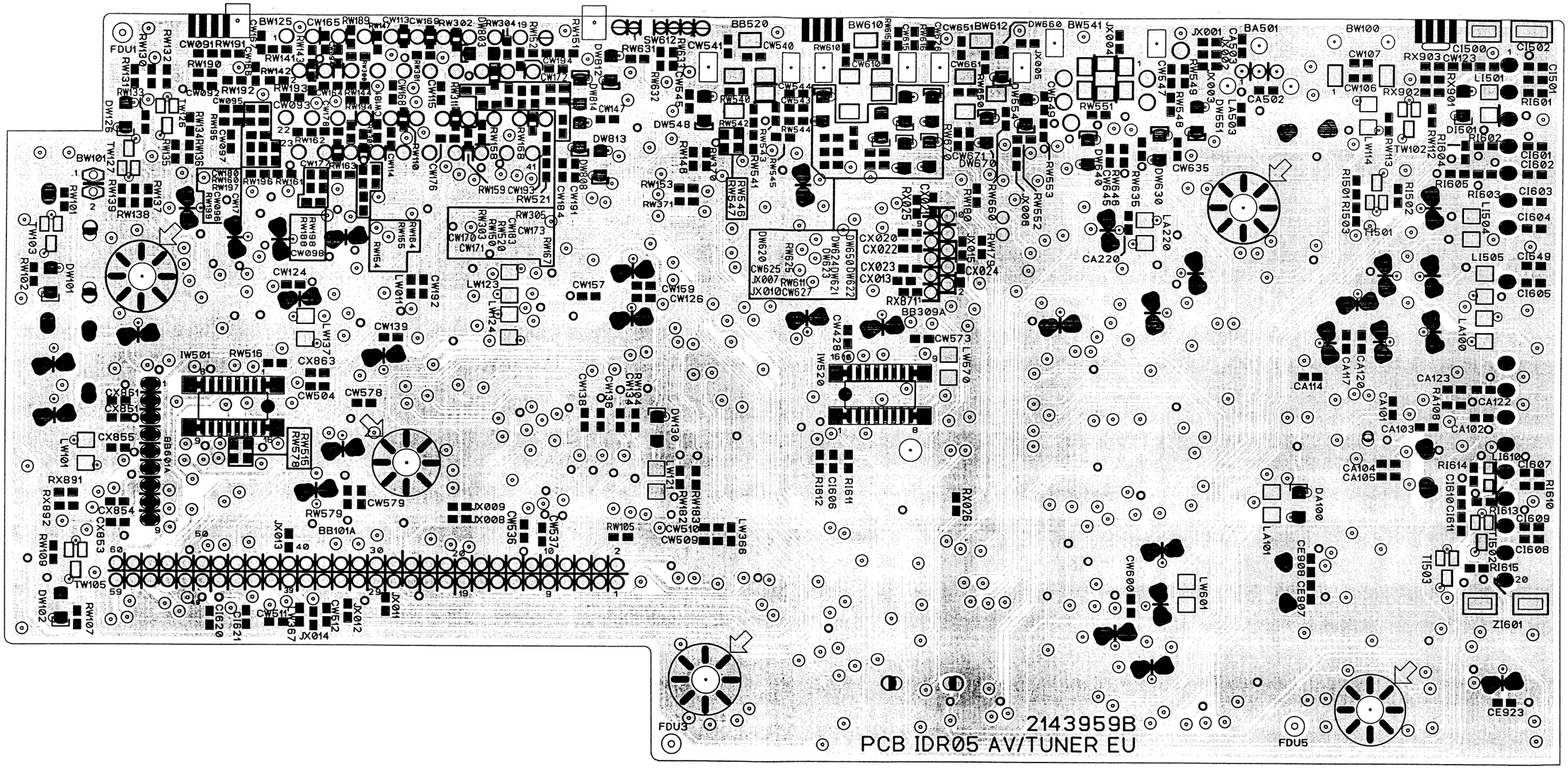
COMPONENT SIDE - COTÉ COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES



IDR05
First issue 09 / 05

SCART INTERFACE P.C.B./TUNER - PLATINE INTERFACE PERITELEVISION/TUNER -LEITERPLATTE EUROPA NORMBUCHSE/TUNER - PIASTRA PRESA PERITEL/TUNER PLATINA INTERFAZ EUROTOMA/TUNER

SOLDER SIDE - COTÉ CUIVRE - LÖTSEITE - LATO SALDATURE - LADO DEL COBRE



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First issue 09 / 05